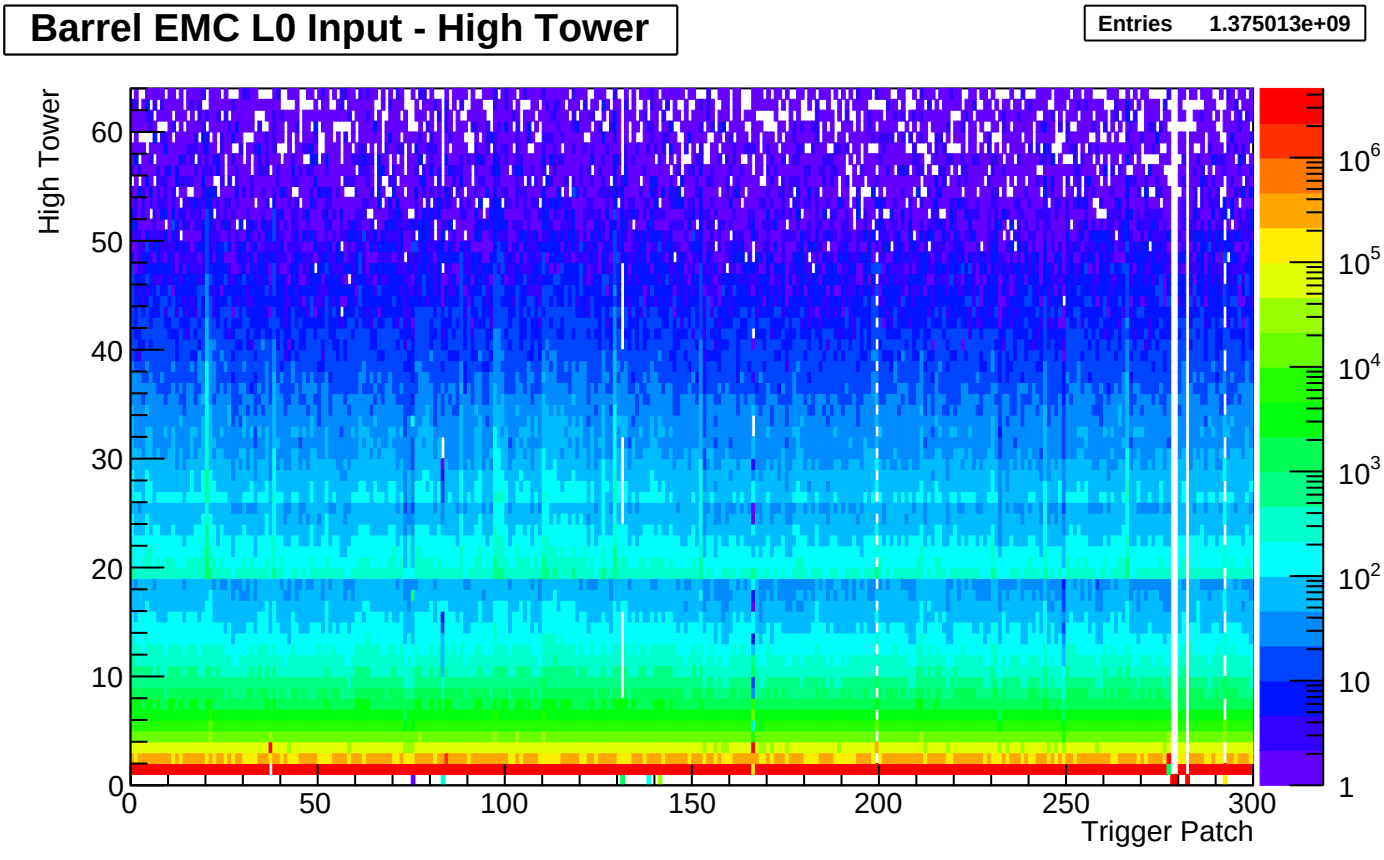
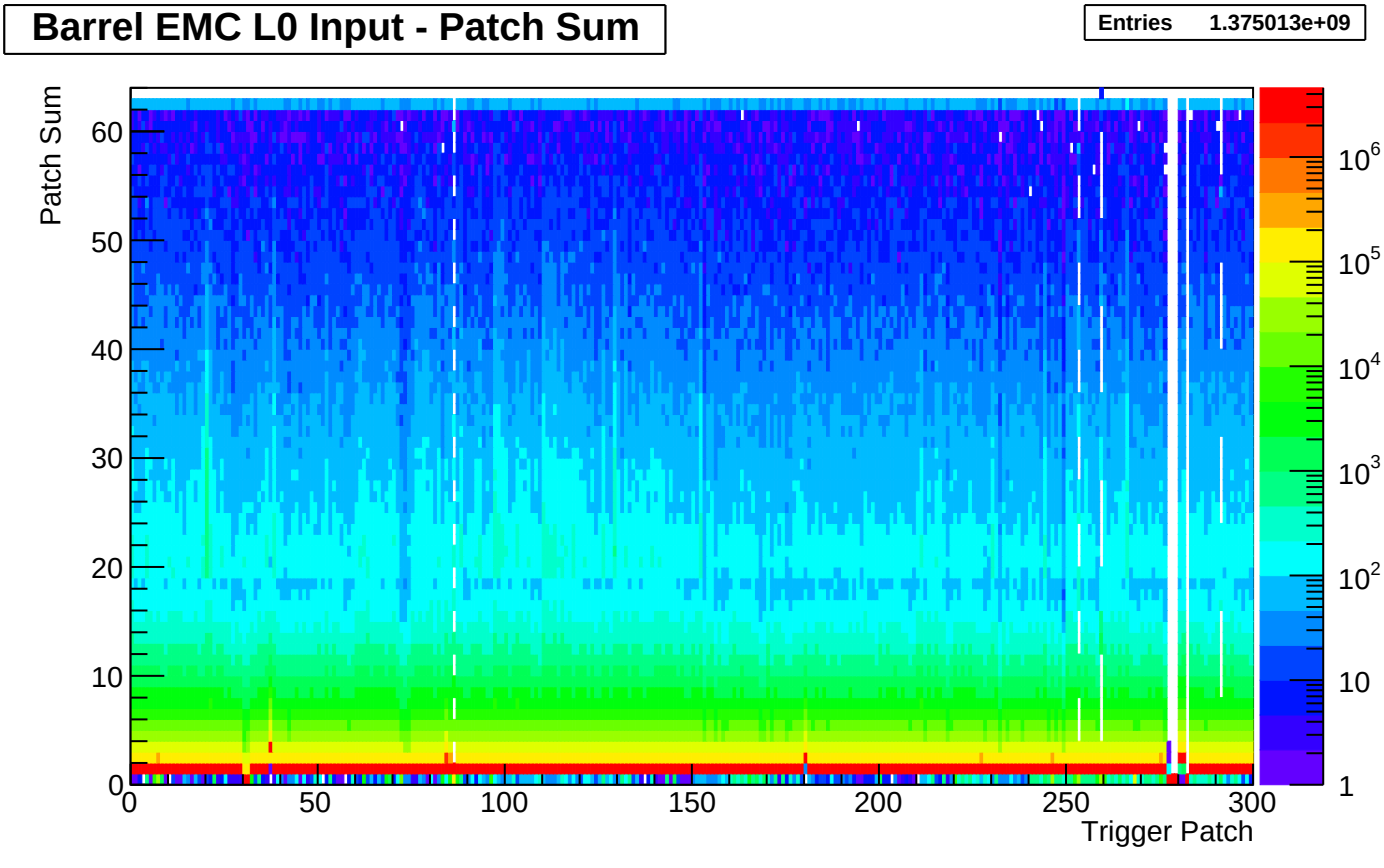
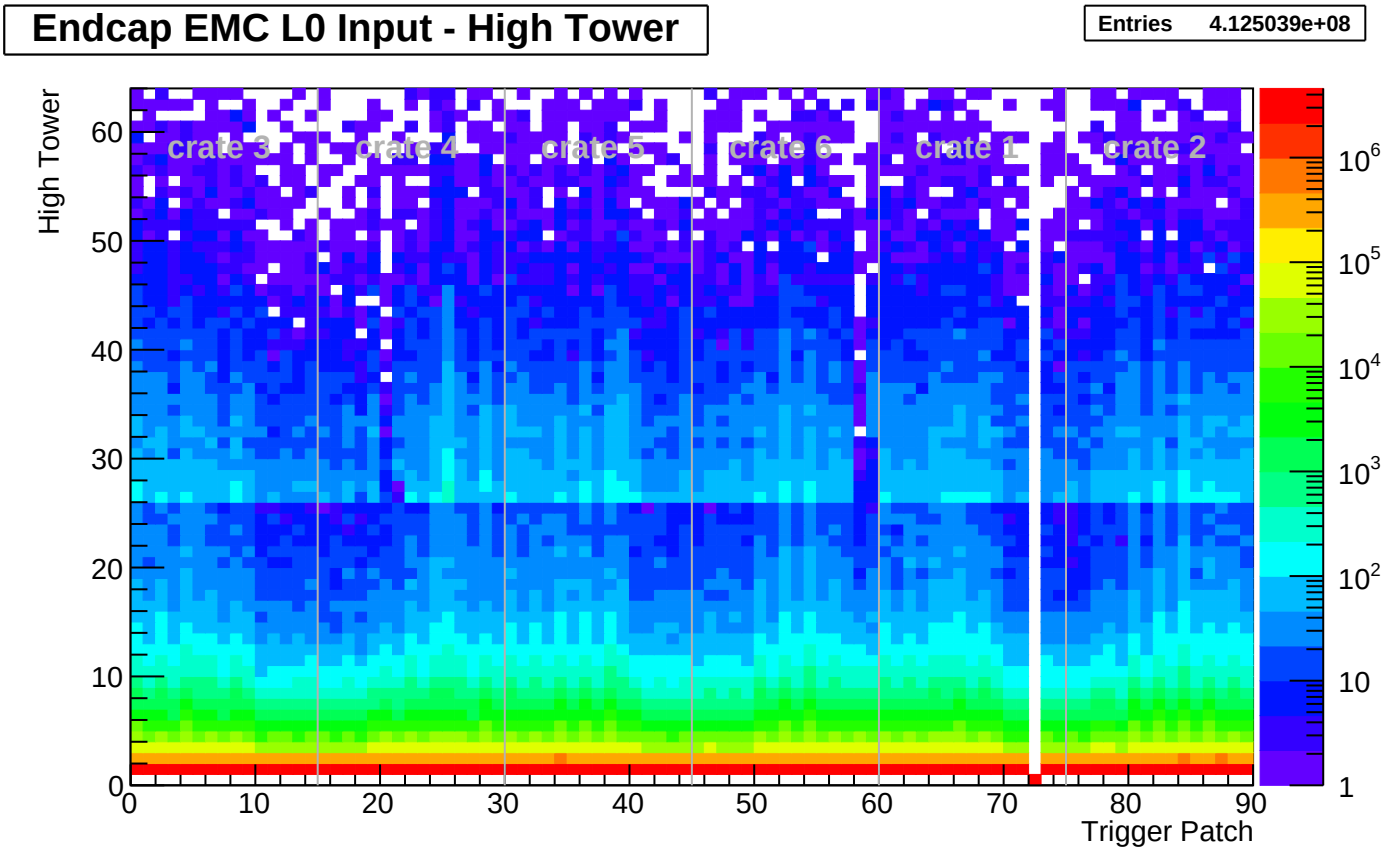
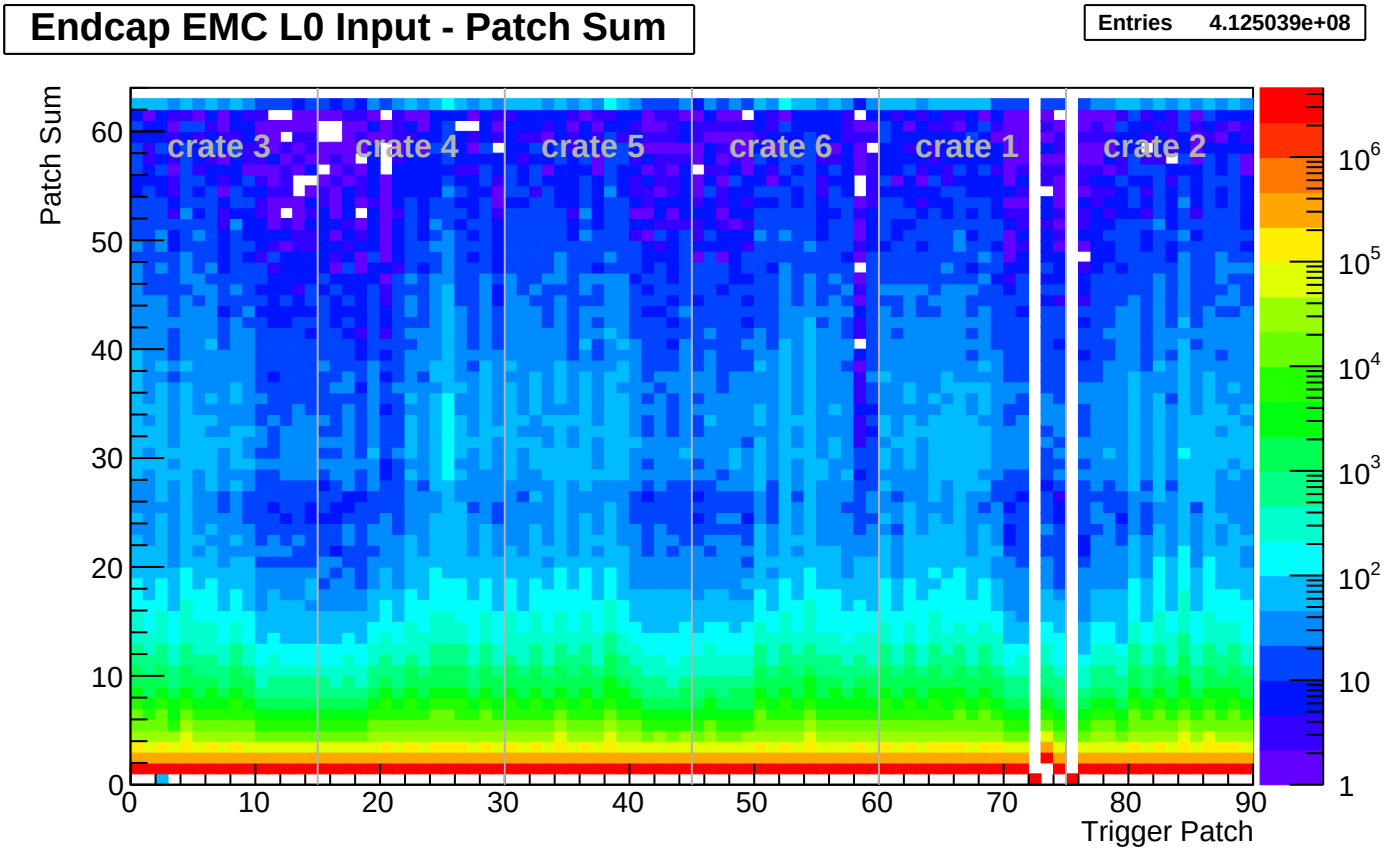
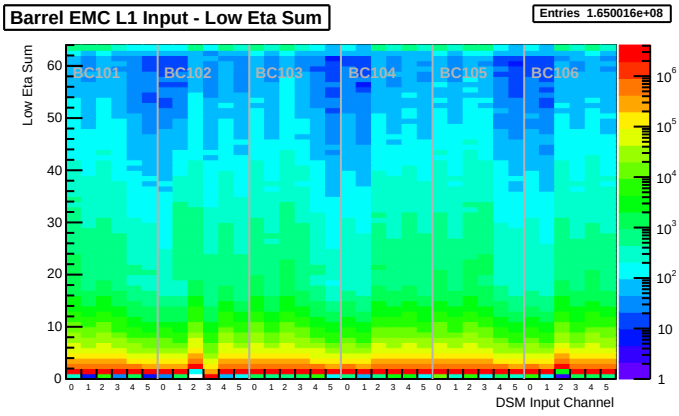
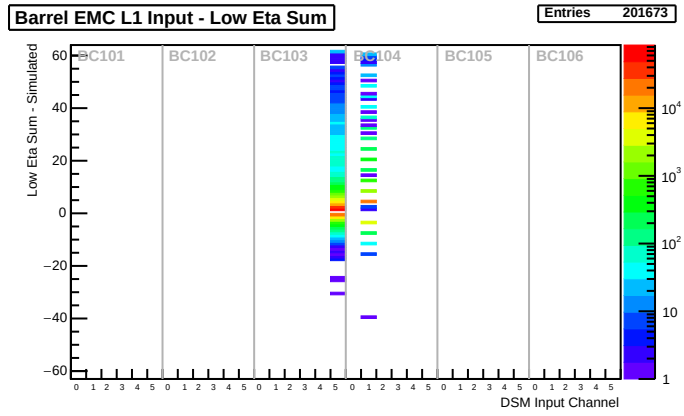

Barrel EMC L0 Input - High Tower
Entries 1.375013e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

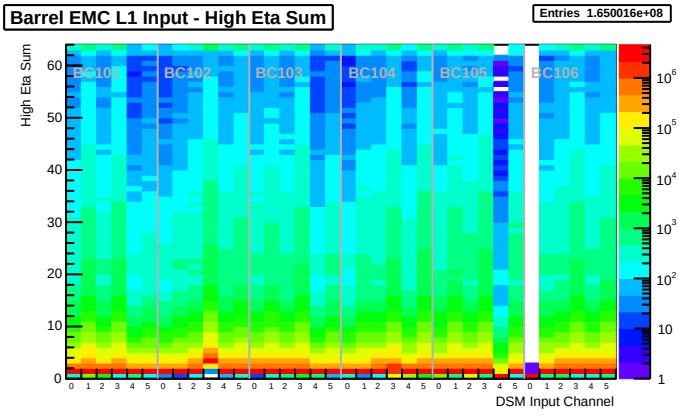

Barrel EMC L0 Input - Patch Sum
Entries 1.375013e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

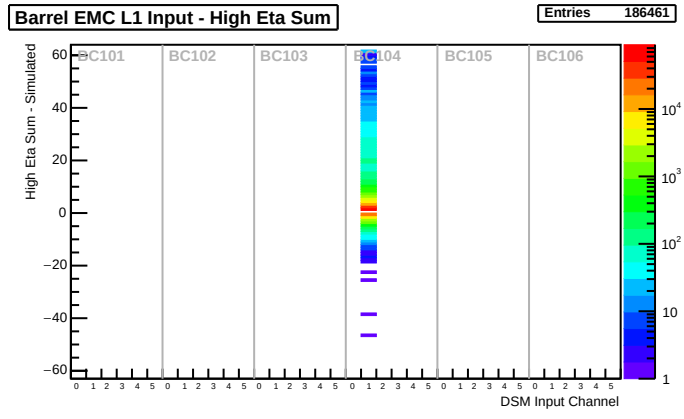

Endcap EMC L0 Input - High Tower
Entries 4.125039e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

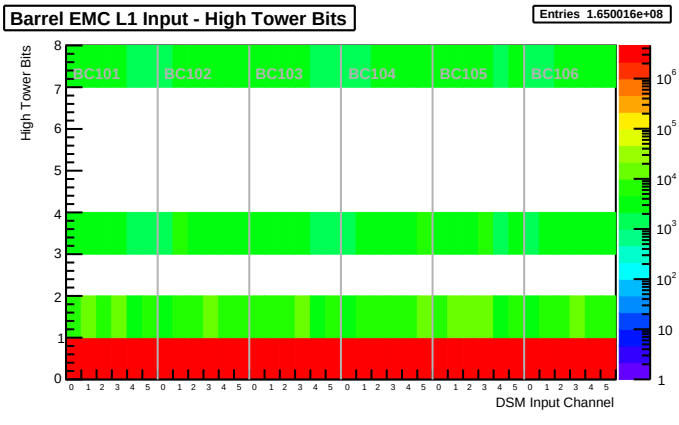

Endcap EMC L0 Input - Patch Sum
Entries 4.125039e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

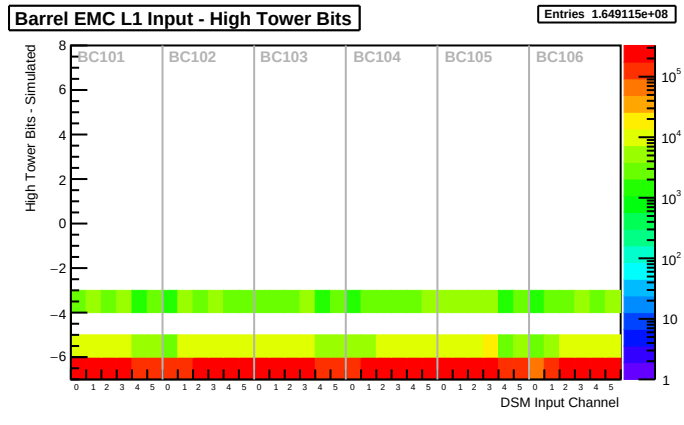

Barrel EMC L1 Input - Low Eta Sum
Entries 1.650016e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

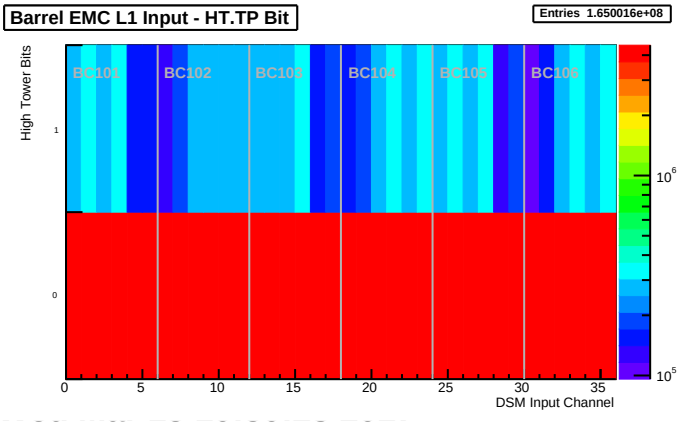

Barrel EMC L1 Input - Low Eta Sum
Entries 201673
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

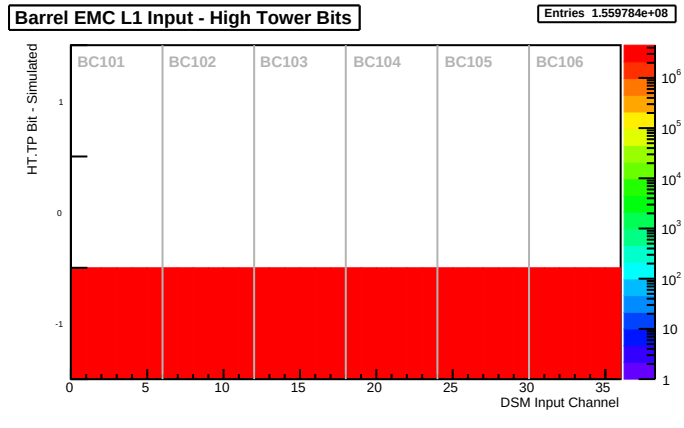

Barrel EMC L1 Input - High Eta Sum
Entries 1.650016e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

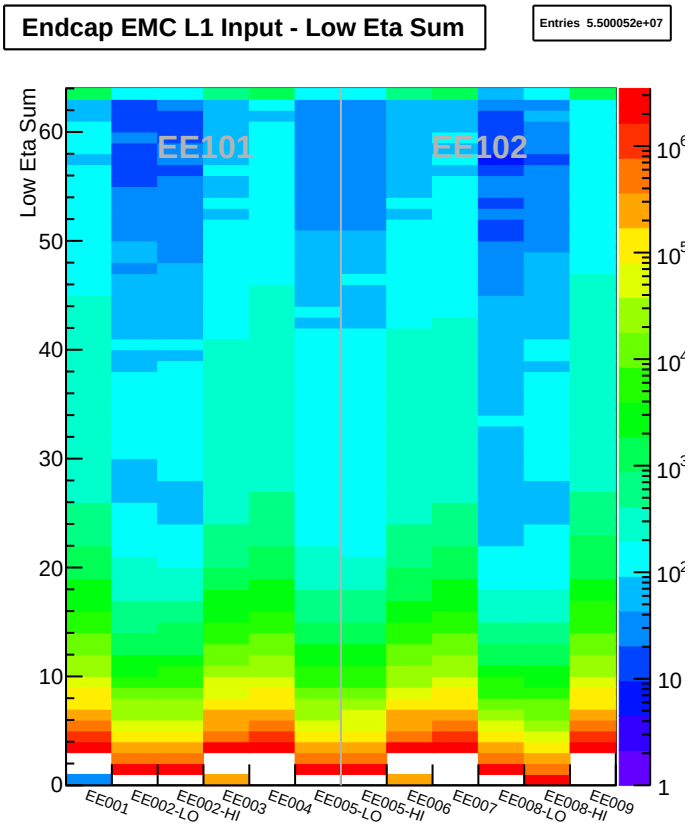

Barrel EMC L1 Input - High Eta Sum
Entries 186461
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

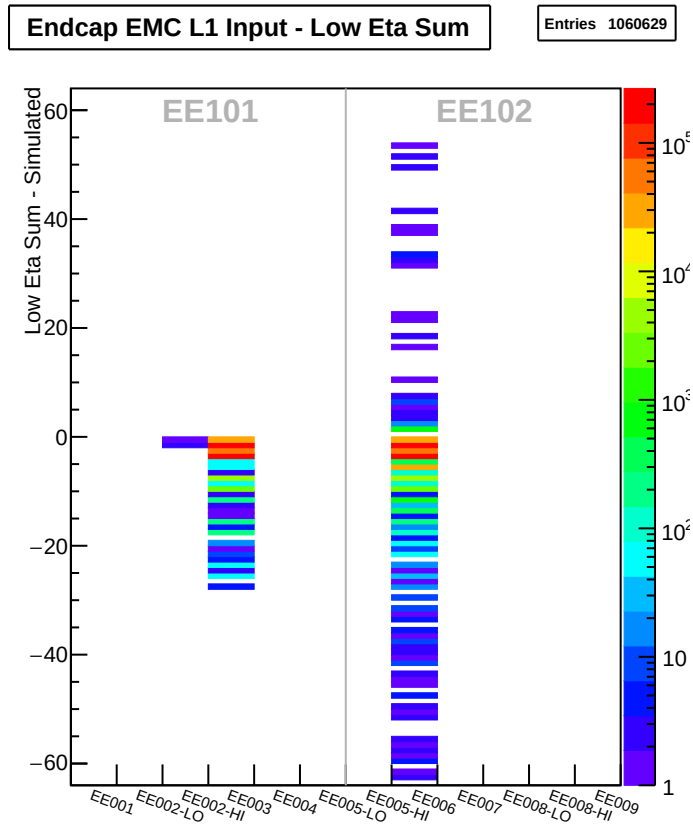

Barrel EMC L1 Input - High Tower Bits
Entries 1.650016e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

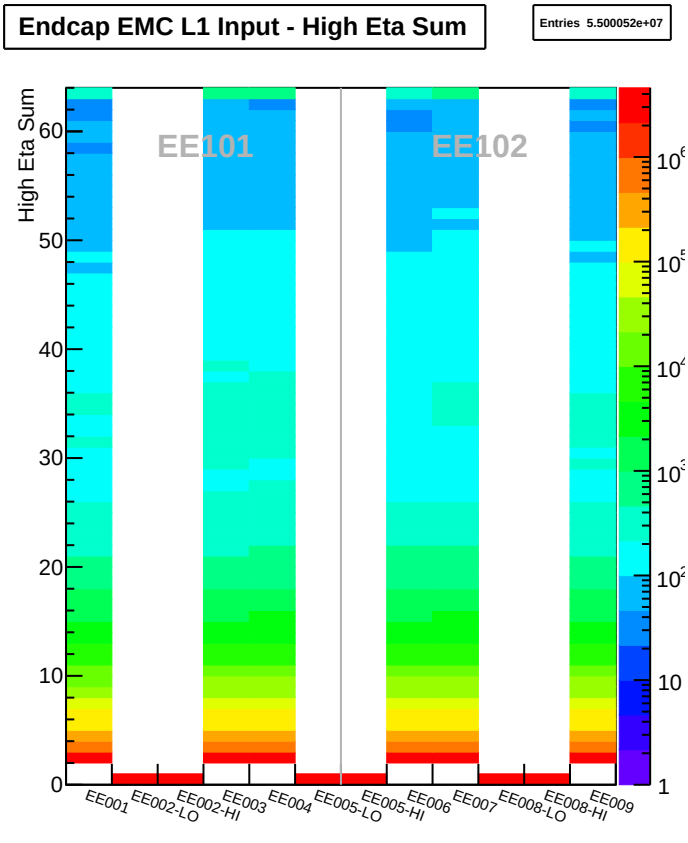

Barrel EMC L1 Input - High Tower Bits
Entries 1.649115e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

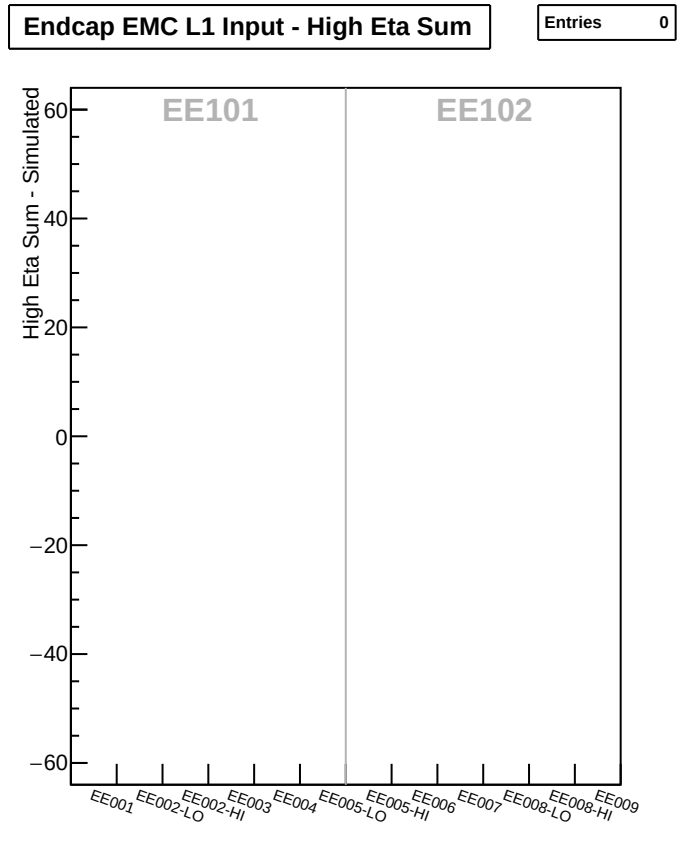

Barrel EMC L1 Input - HT.TP Bit
Entries 1.650016e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

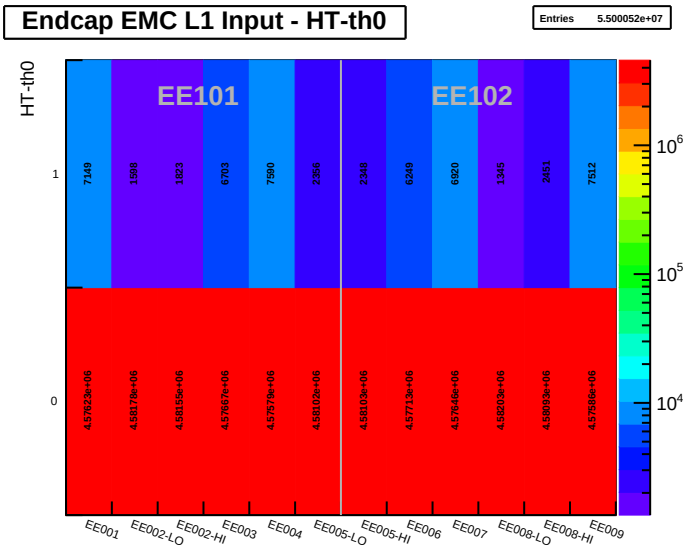

Barrel EMC L1 Input - High Tower Bits
Entries 1.559784e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

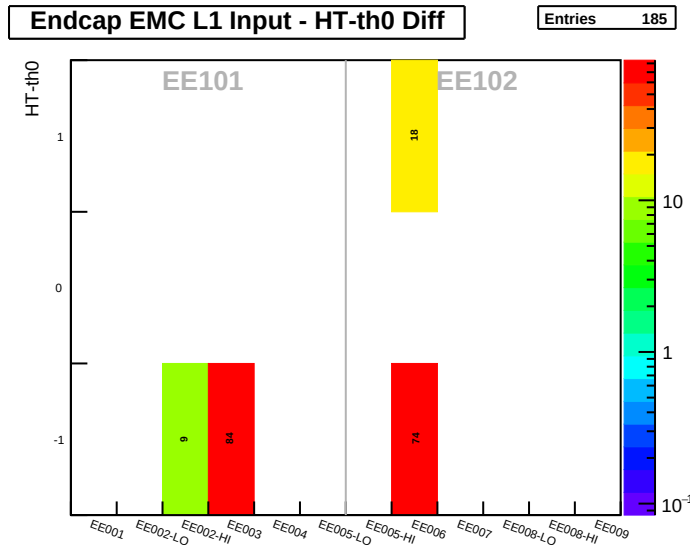

Endcap EMC L1 Input - Low Eta Sum
Entries 5.500052e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

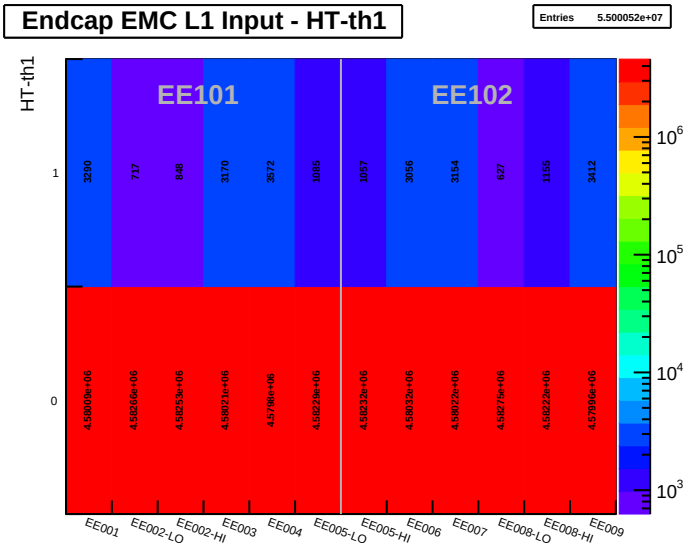

Endcap EMC L1 Input - Low Eta Sum
Entries 1060629
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

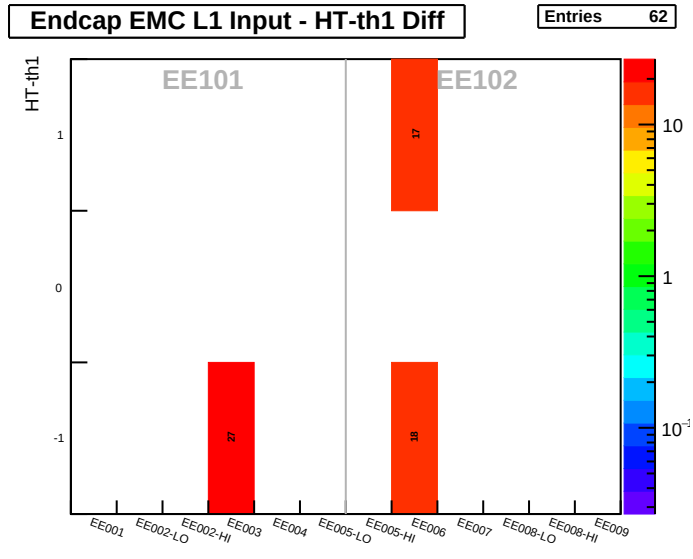

Endcap EMC L1 Input - High Eta Sum
Entries 5.500052e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

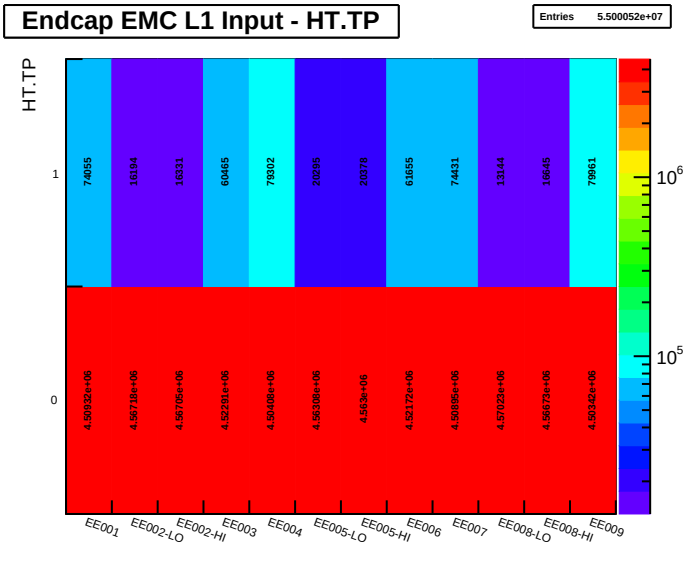

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

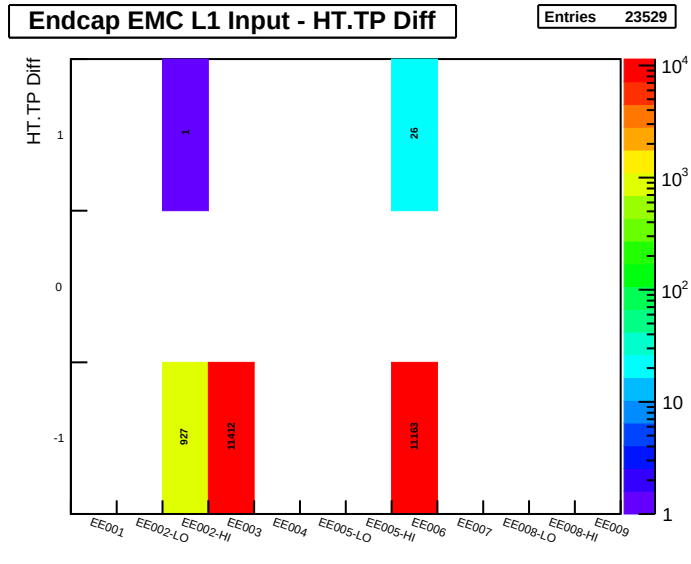

Endcap EMC L1 Input - HT-th0
Entries 5.500052e+07
HT-th0
EE101
EE102
7149 1598 1823 6703 7590 2356 2348 6249 6920 1245 2451 7512
4.57623e+06 4.58178e+06 4.58155e+06 4.57667e+06 4.57579e+06 4.58102e+06 4.58103e+06 4.57713e+06 4.57646e+06 4.58203e+06 4.58093e+06 4.57586e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

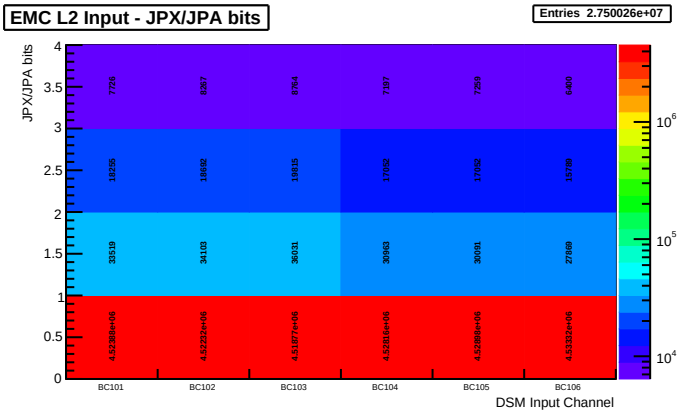

Endcap EMC L1 Input - HT-th0 Diff
Entries 185
HT-th0
EE101
EE102
18
9 84 74
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

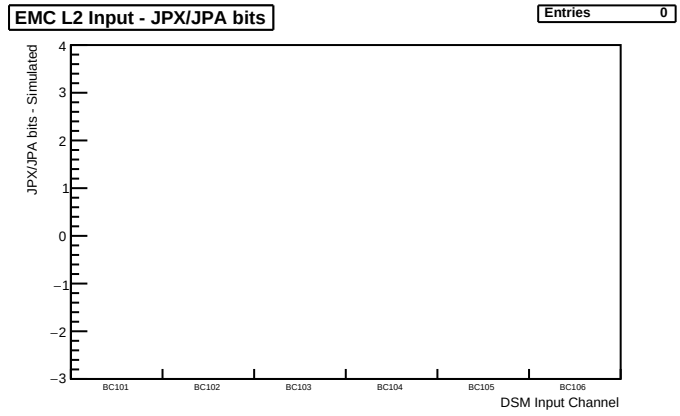

Endcap EMC L1 Input - HT-th1
Entries 5.500052e+07
HT-th1
EE101
EE102
3290 717 848 3170 3572 1085 1057 3056 3154 627 1155 3412
4.58009e+06 4.58266e+06 4.58253e+06 4.58021e+06 4.5798e+06 4.58229e+06 4.58232e+06 4.58032e+06 4.58022e+06 4.58275e+06 4.58222e+06 4.57996e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

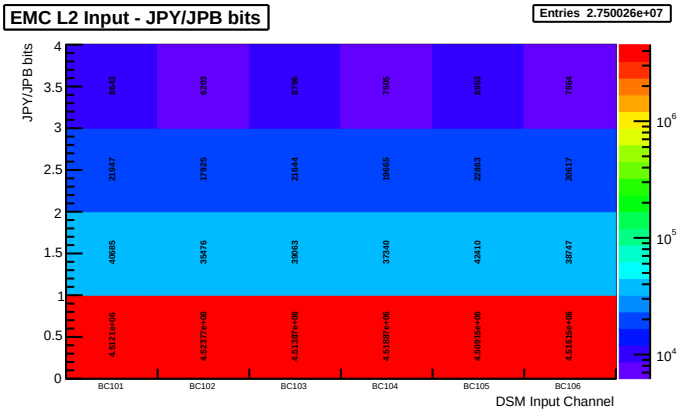

Endcap EMC L1 Input - HT-th1 Diff
Entries 62
HT-th1
EE101
EE102
17
27 18
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

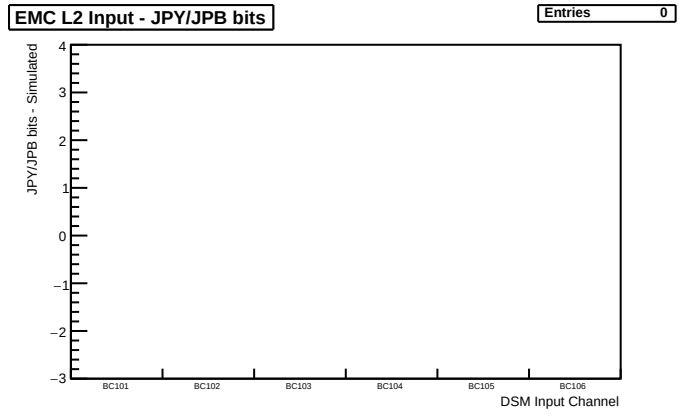

Endcap EMC L1 Input - HT.TP
Entries 5.500052e+07
HT.TP
74055 16194 16331 60465 79302 20295 20378 61555 74431 13144 16645 79961
4.50932e+06 4.55718e+05 4.56705e+06 4.52291e+06 4.50408e+06 4.56308e+05 4.5638e+06 4.52172e+06 4.50895e+05 4.57023e+06 4.56673e+06 4.50342e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

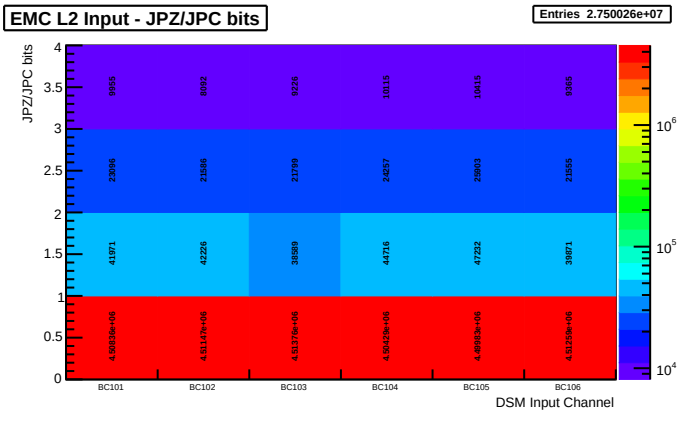

Endcap EMC L1 Input - HT.TP Diff
Entries 23529
HT.TP Diff
1
26
927 11412 11163
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

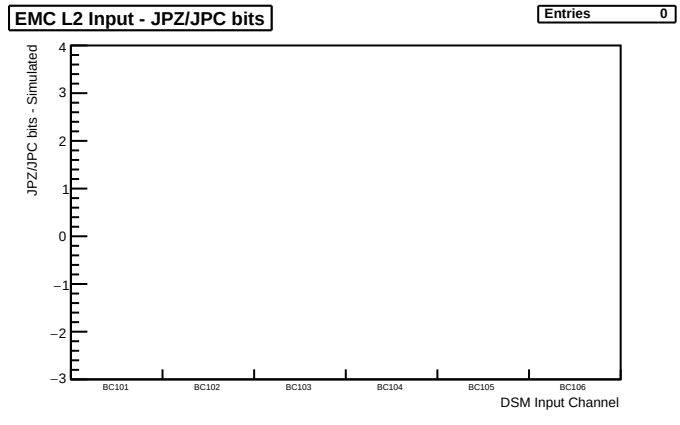

EMC L2 Input - JPX/JPA bits
Entries 2.750026e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
7726
9257
8764
7197
7259
6400
18255
18892
19815
17052
17052
15789
33519
34103
36031
30963
30091
27969
4.52384e+06
4.52232e+06
4.51977e+06
4.52816e+06
4.52884e+06
4.53332e+06

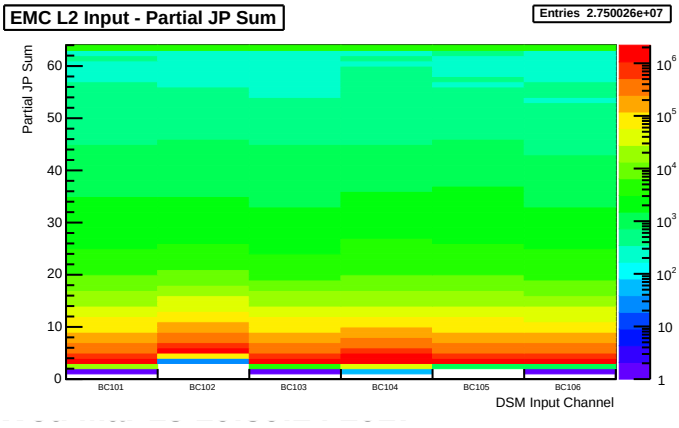

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

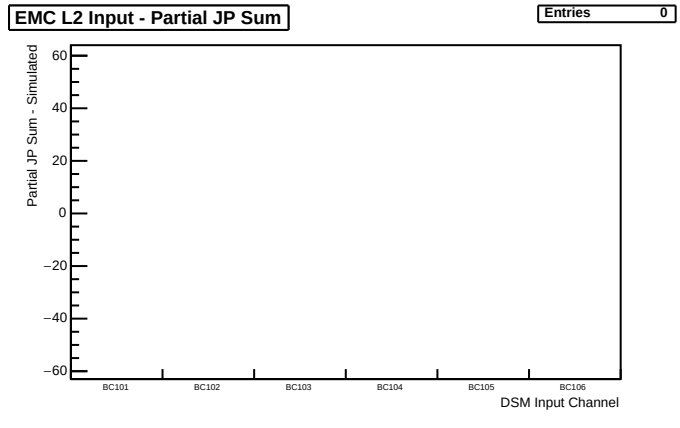

EMC L2 Input - JPY/JPB bits
Entries 2.750026e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8443
6203
8786
7595
8953
7864
21947
17925
21844
19665
22863
20617
40635
35476
39063
37340
42410
38747
4.51215e+06
4.52377e+06
4.51387e+06
4.51887e+06
4.50915e+06
4.51615e+06

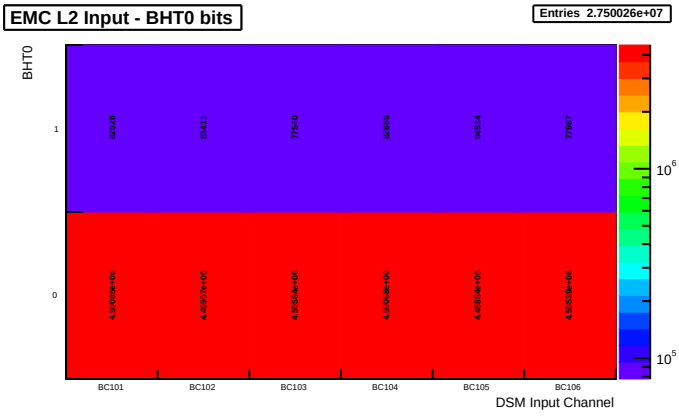

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

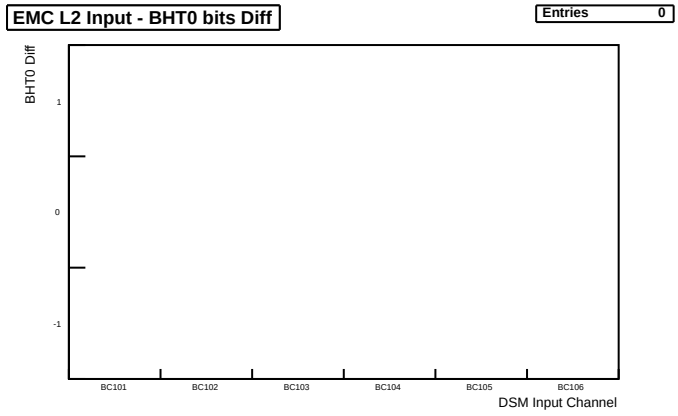

EMC L2 Input - JPZ/JPC bits
Entries 2.750026e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9955
8992
9226
10115
10415
9365
23096
21586
21799
24257
26903
21555
41971
42226
38989
44716
47222
39871
4.50835e+06
4.51147e+06
4.51376e+06
4.50429e+06
4.49993e+06
4.51259e+06

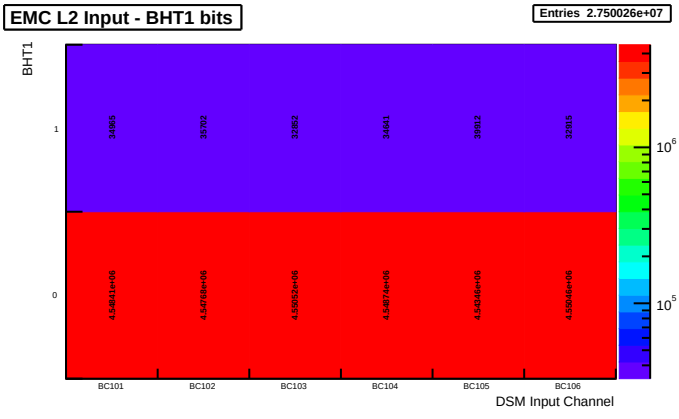

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

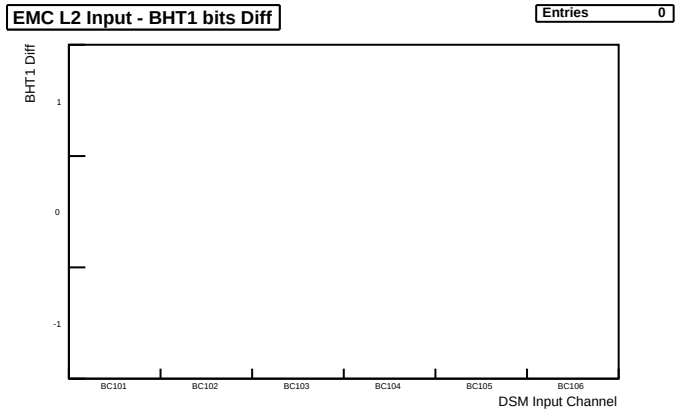

EMC L2 Input - Partial JP Sum
Entries 2.750026e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

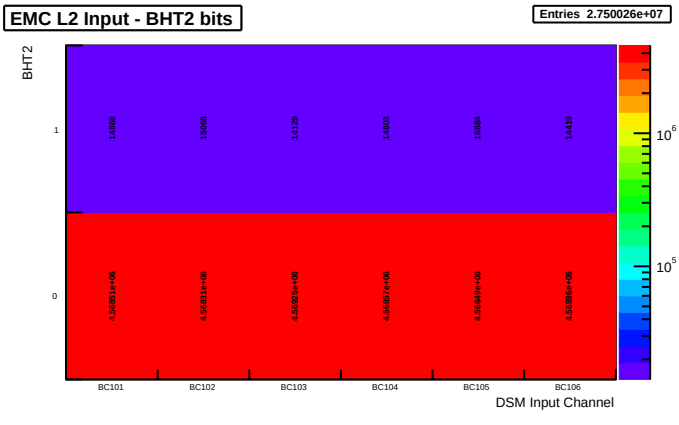

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

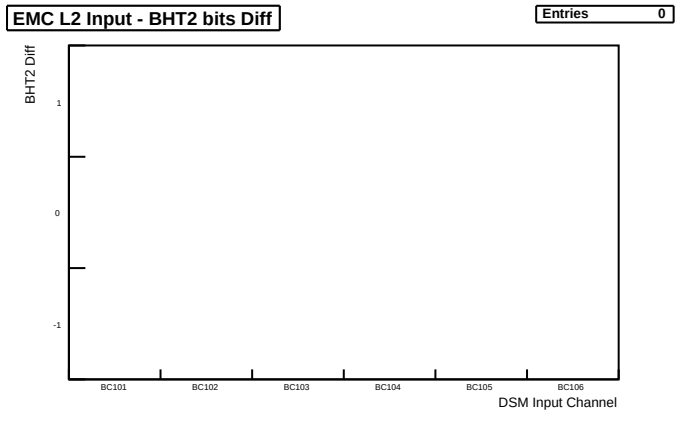

EMC L2 Input - BHT0 bits
Entries 2.750026e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

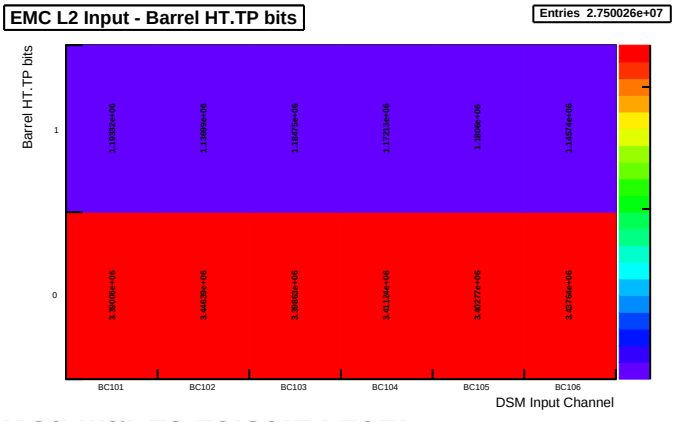

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

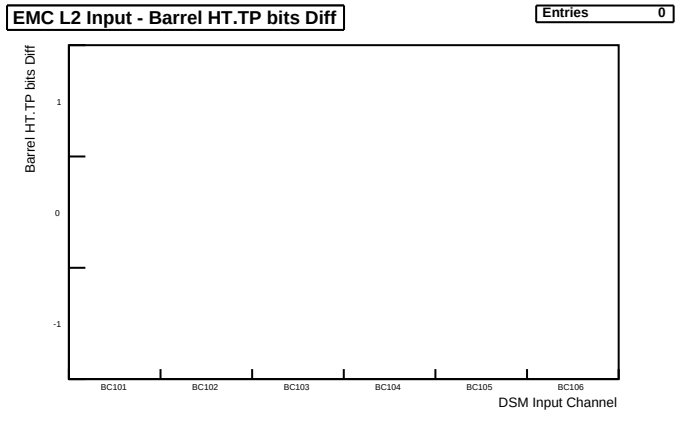

EMC L2 Input - BHT1 bits
Entries 2.750026e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

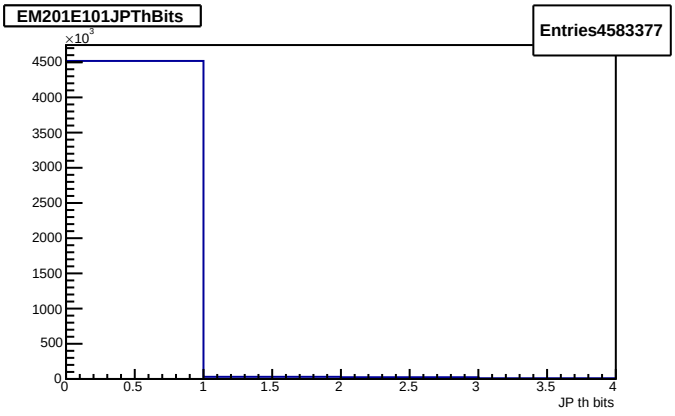

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

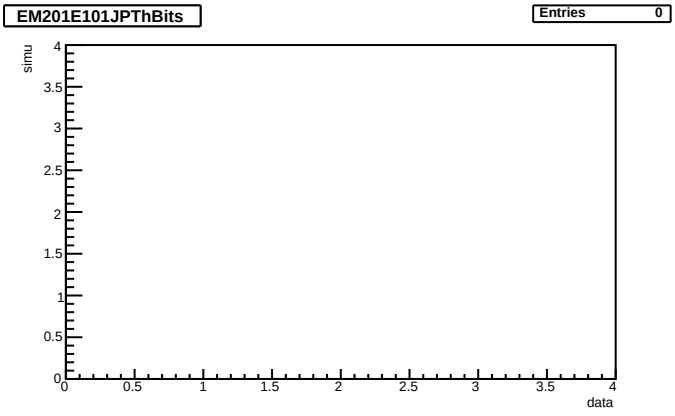

EMC L2 Input - BHT2 bits
Entries 2.750026e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

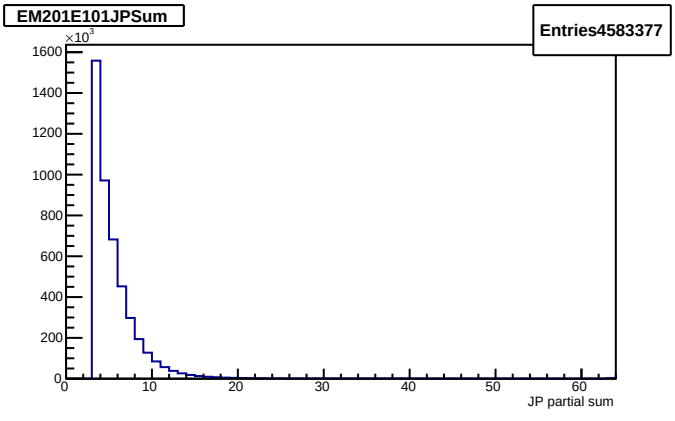

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

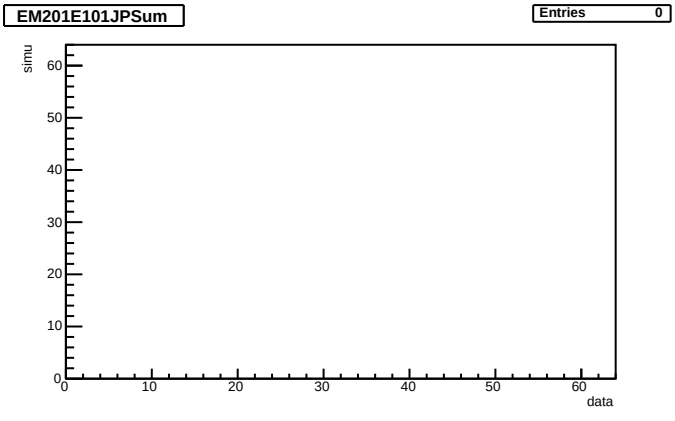

EMC L2 Input - Barrel HT.TP bits
Entries 2.750026e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

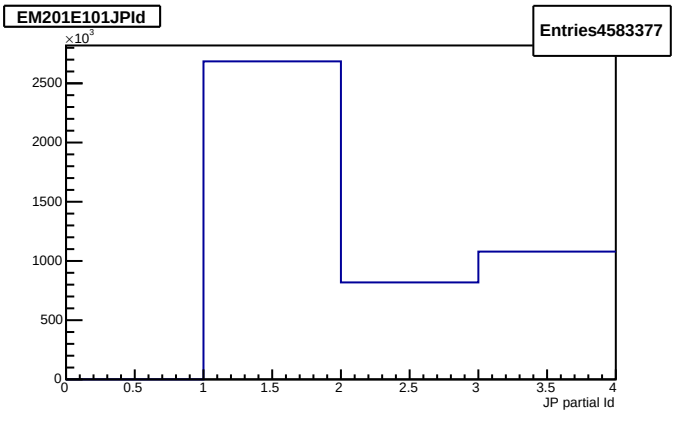

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

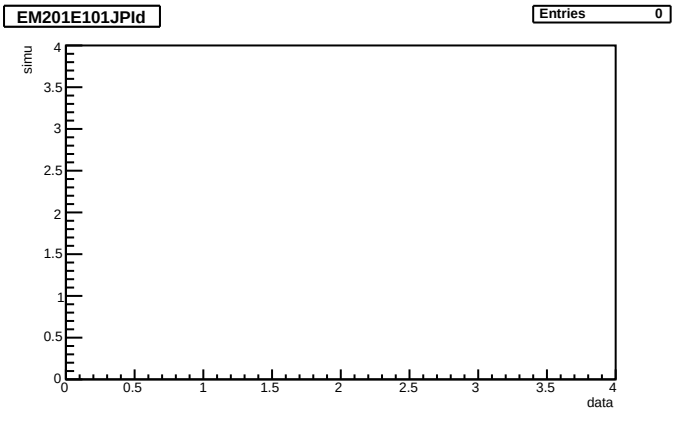

EM201E101JPThBits
Entries4583377
JP th bits

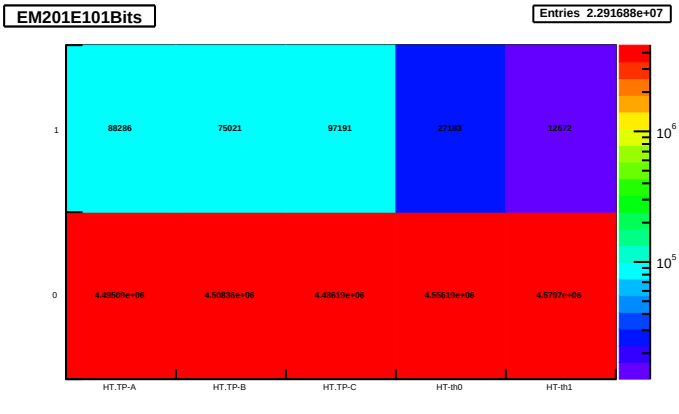

EM201E101JPThBits
Entries 0
simu
data

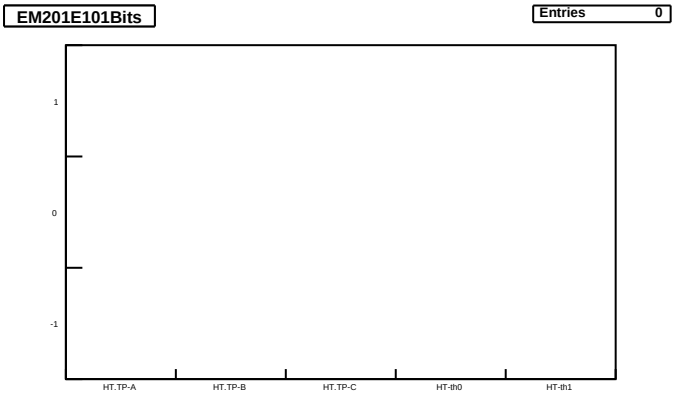

EM201E101JPSum
Entries4583377
JP partial sum

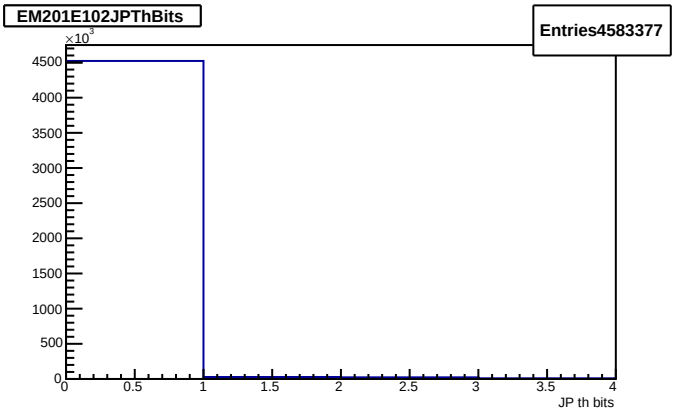

EM201E101JPSum
Entries 0
simu
data

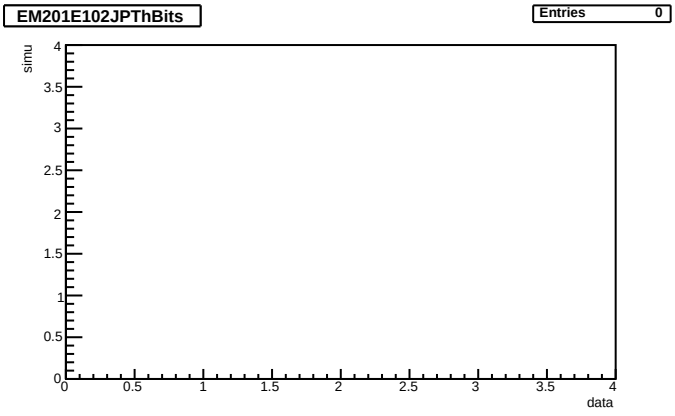

EM201E101JPId
Entries4583377
JP partial Id

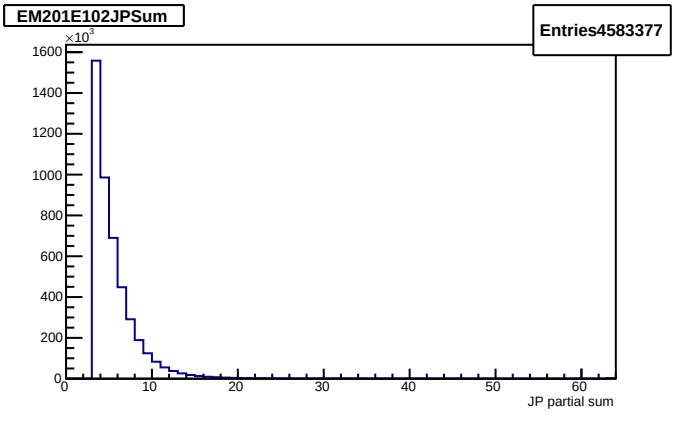

EM201E101JPId
Entries 0
simu
data

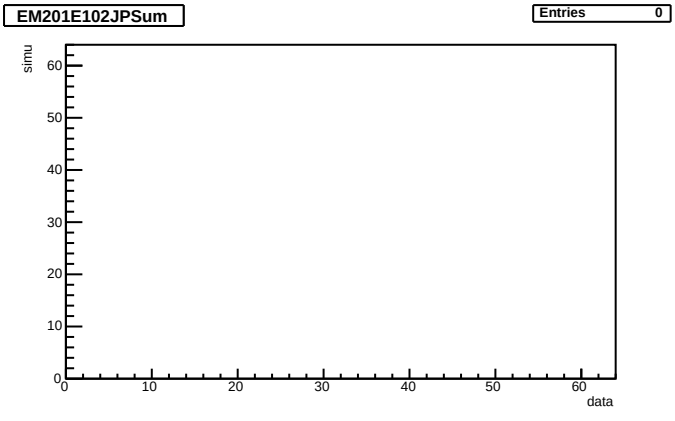

EM201E101Bits
Entries 2.291688e+07
88286
75021
97191
27183
12672
4.49509e+06
4.50836e+06
4.48619e+06
4.55619e+06
4.5707e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

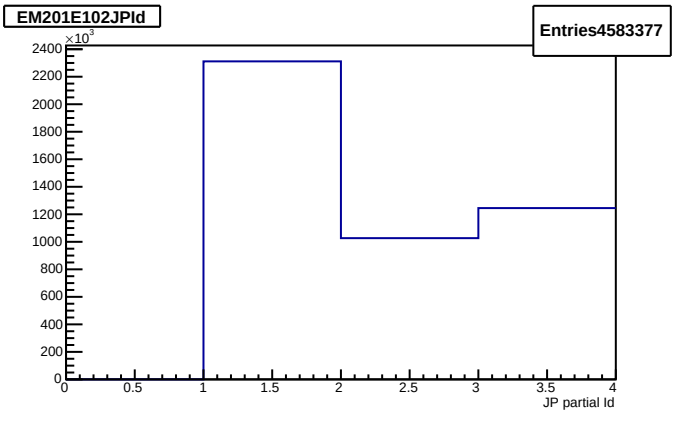

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

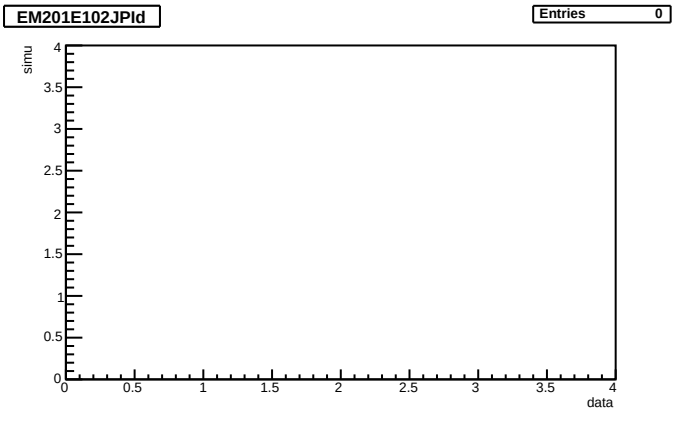

EM201E102JPThBits
Entries4583377
×10^3
JP th bits

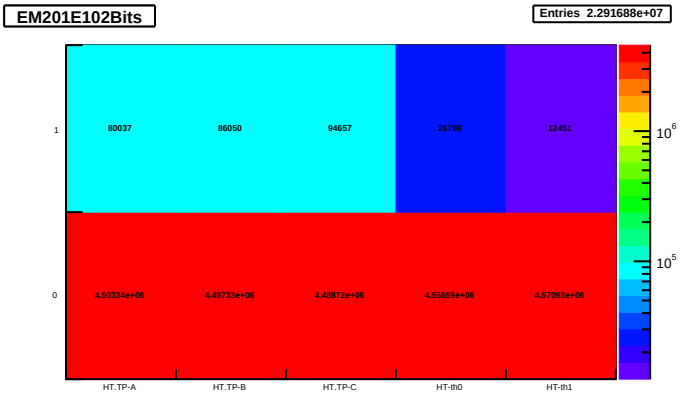

EM201E102JPThBits
Entries 0
simu
data

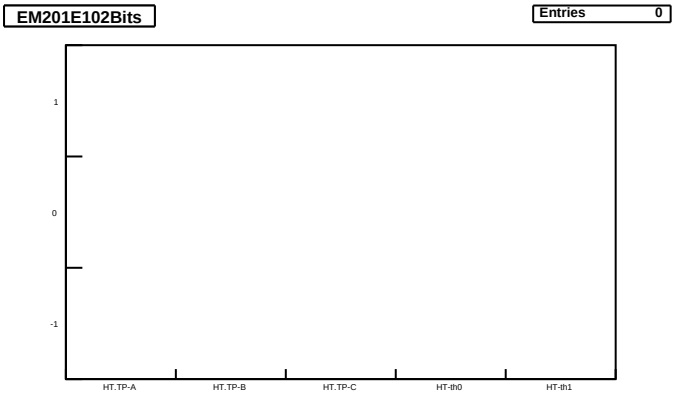

EM201E102JPSum
Entries4583377
×10^3
JP partial sum

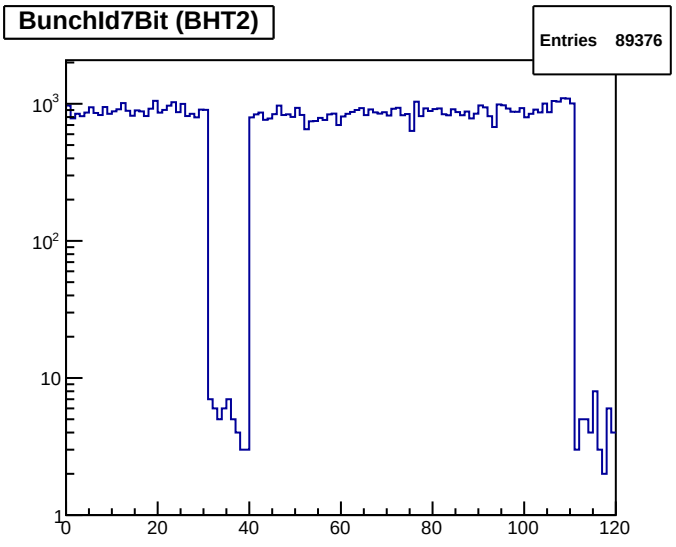

EM201E102JPSum
Entries 0
simu
data

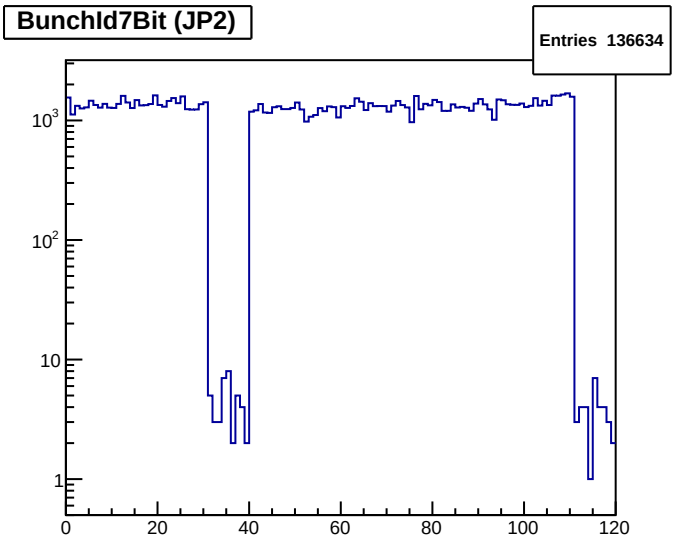

EM201E102JPId
Entries4583377
×10^3
JP partial Id

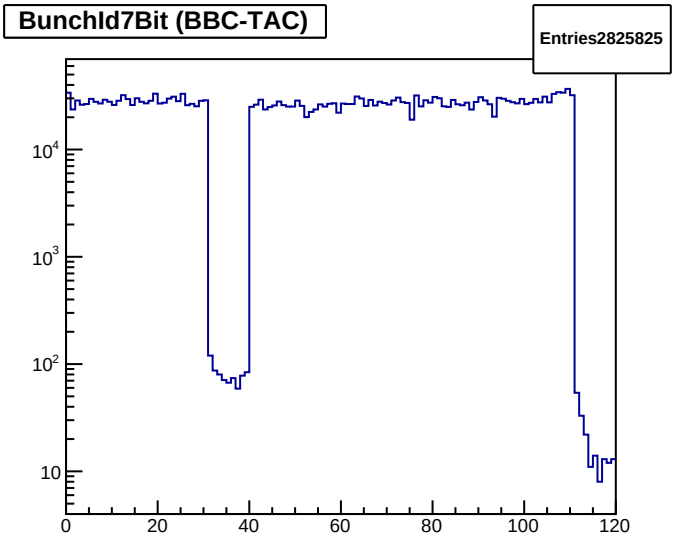

EM201E102JPId
Entries 0
simu
data

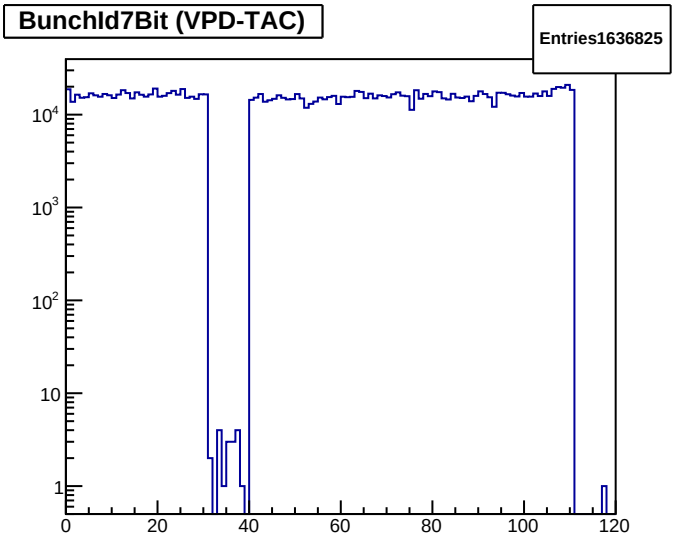

EM201E102Bits
Entries 2.291688e+07
80037
86050
94657
20789
12451
4.50334e+06
4.49733e+06
4.48872e+06
4.55659e+06
4.57093e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

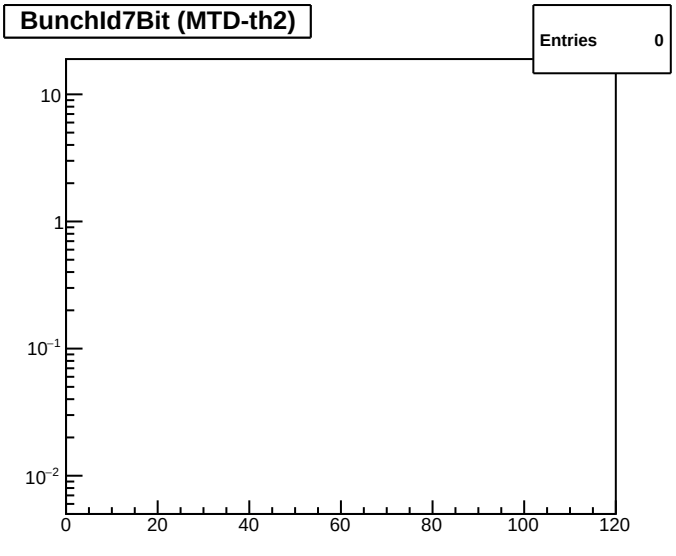

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

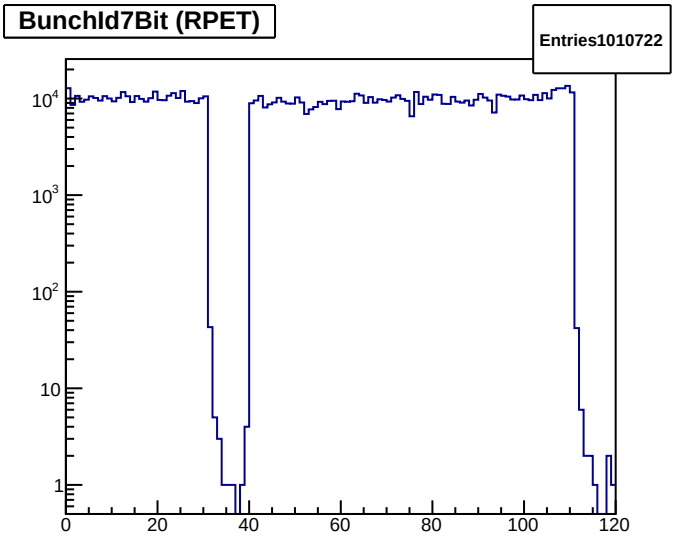

BunchId7Bit (BHT2)
Entries 89376

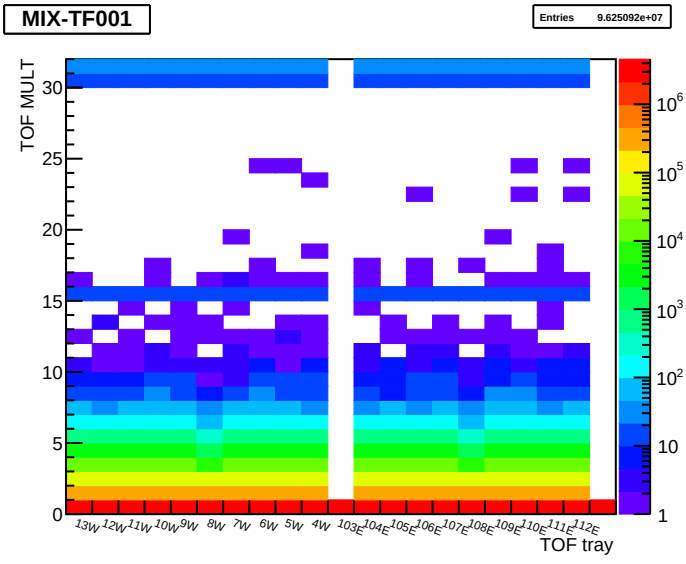

BunchId7Bit (JP2)
Entries 136634

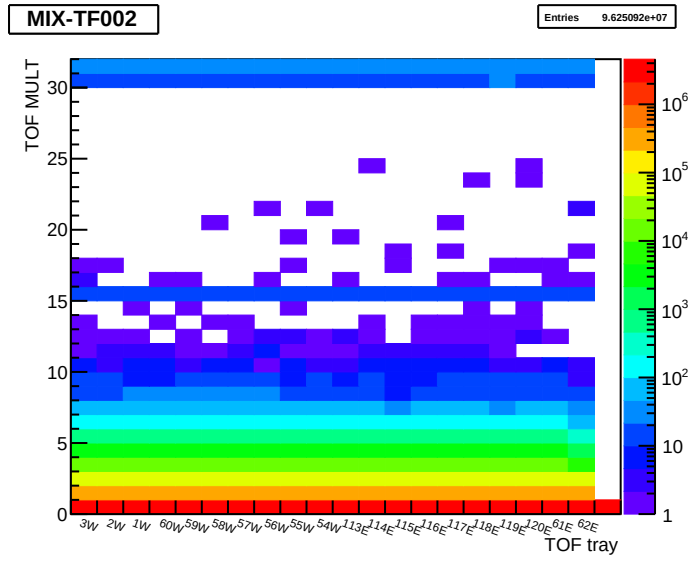

BunchId7Bit (BBC-TAC)
Entries2825825

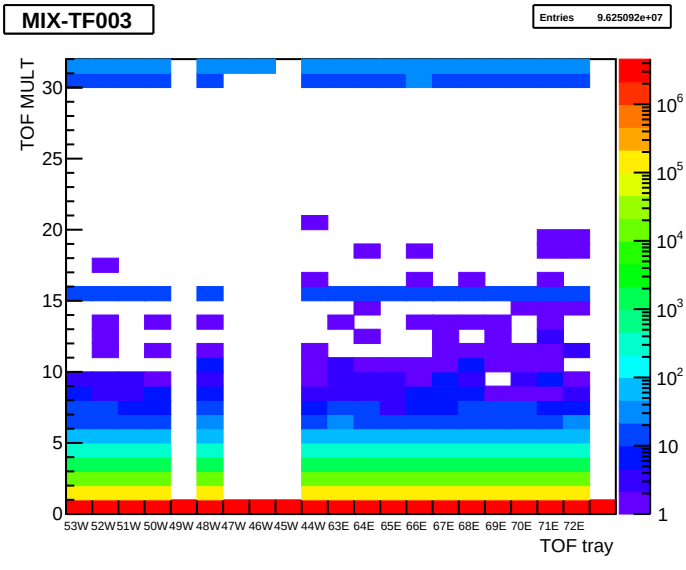

BunchId7Bit (VPD-TAC)
Entries1636825

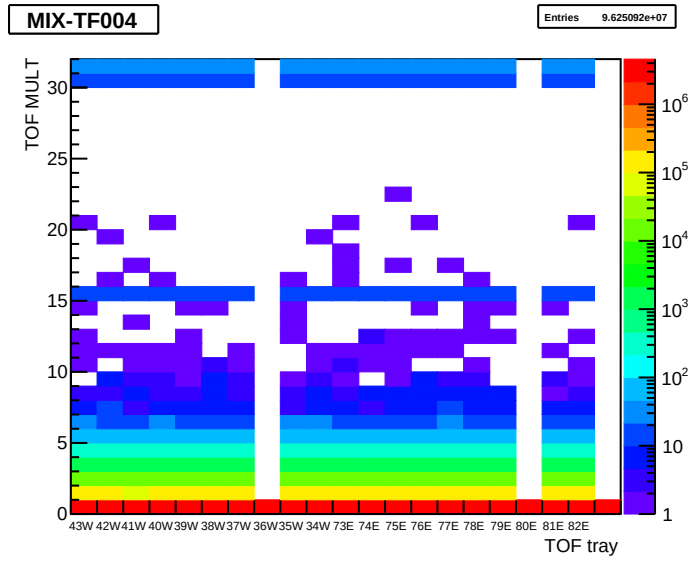

BunchId7Bit (MTD-th2)
Entries 0

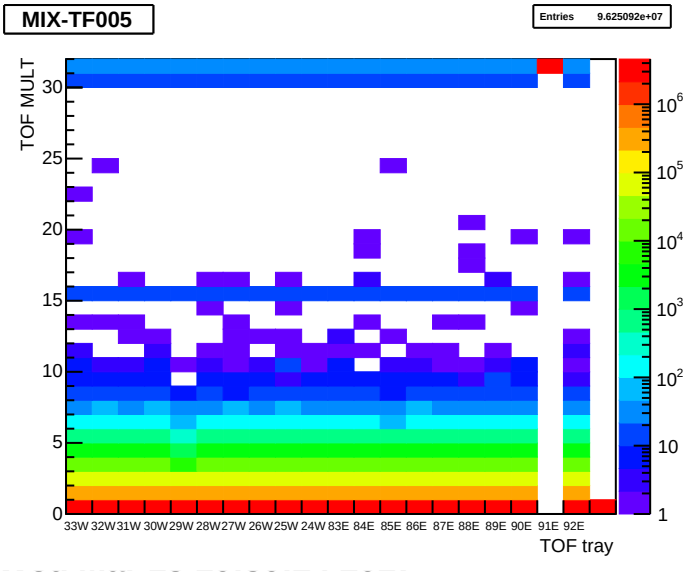

BunchId7Bit (RPET)
Entries1010722

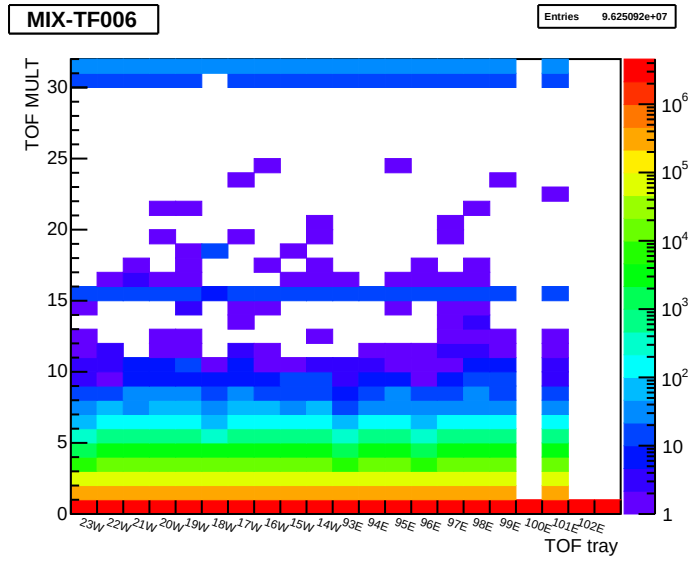

MIX-TF001
Entries 9.625092e+07
TOF MULT
TOF tray

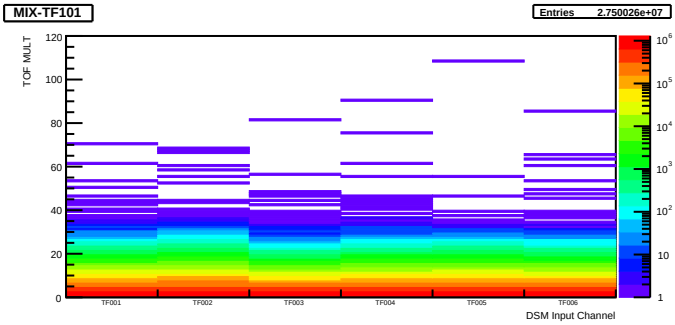

MIX-TF002
Entries 9.625092e+07
TOF MULT
TOF tray

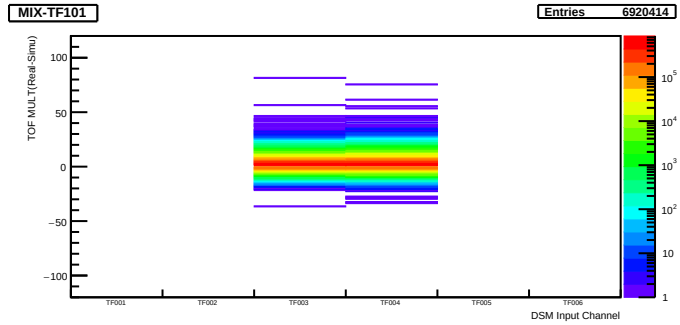

MIX-TF003
Entries 9.625092e+07
TOF MULT
TOF tray

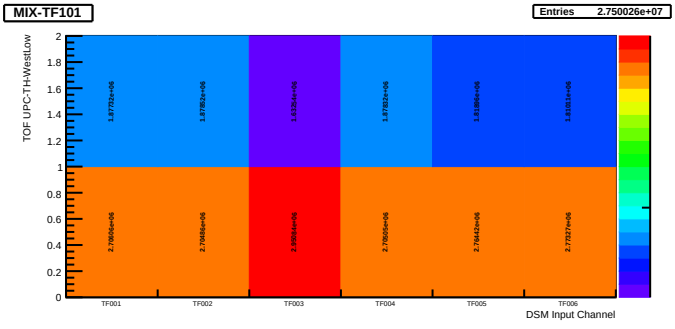

MIX-TF004
Entries 9.625092e+07
TOF MULT
TOF tray

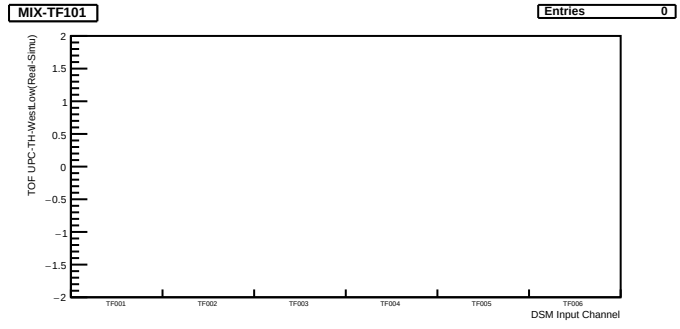

MIX-TF005
Entries 9.625092e+07
TOF MULT
TOF tray

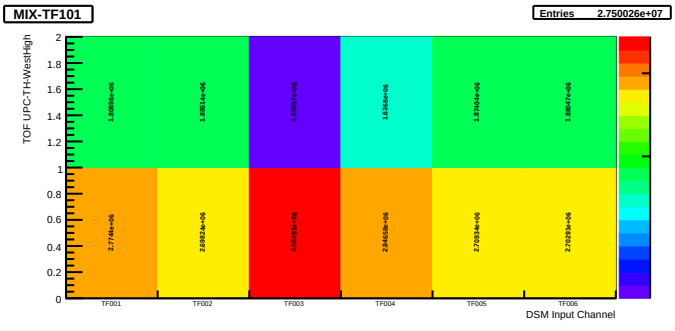

MIX-TF006
Entries 9.625092e+07
TOF MULT
TOF tray

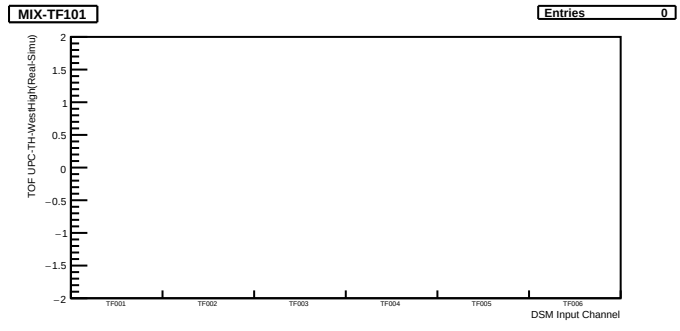

MIX-TF101
Entries 2.750026e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

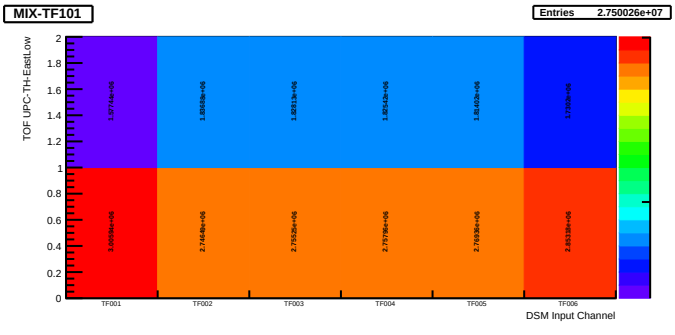

MIX-TF101
Entries 6920414
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

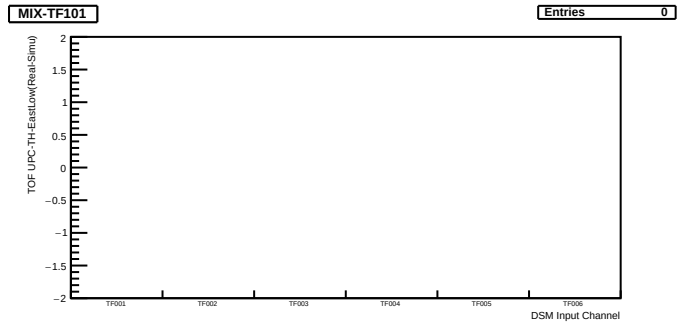

MIX-TF101
Entries 2.750026e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

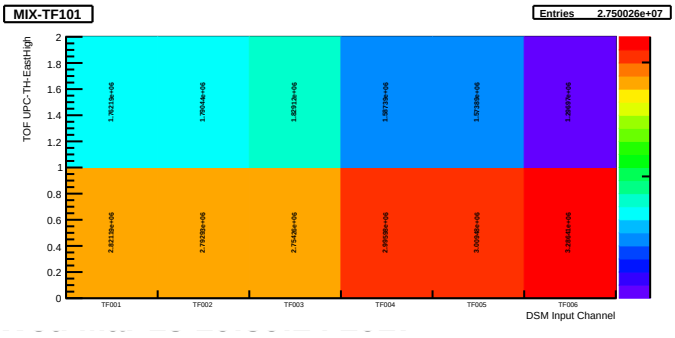

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

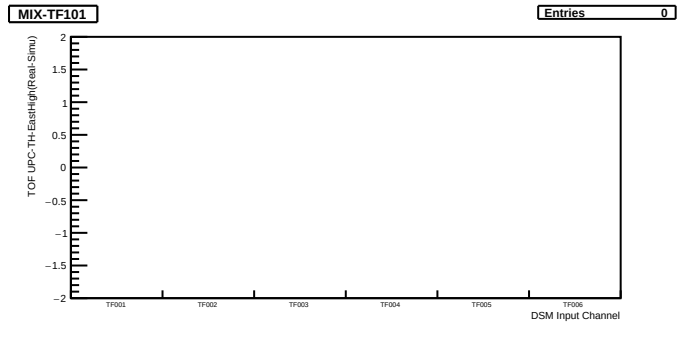

MIX-TF101
Entries 2.750026e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

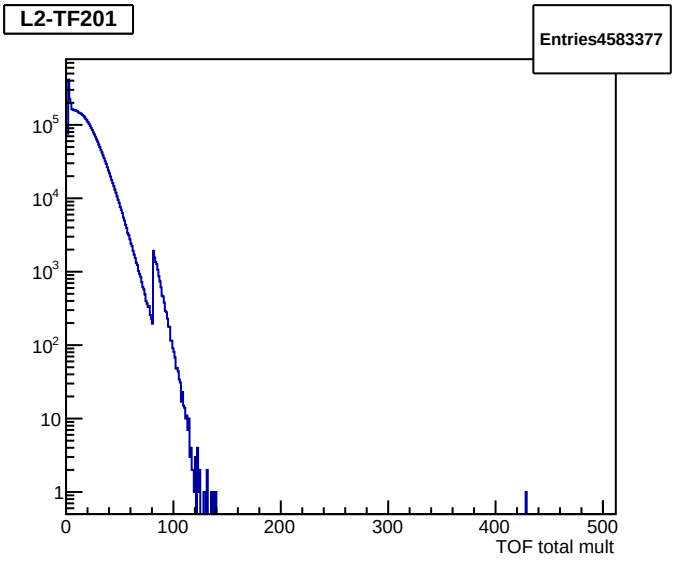

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

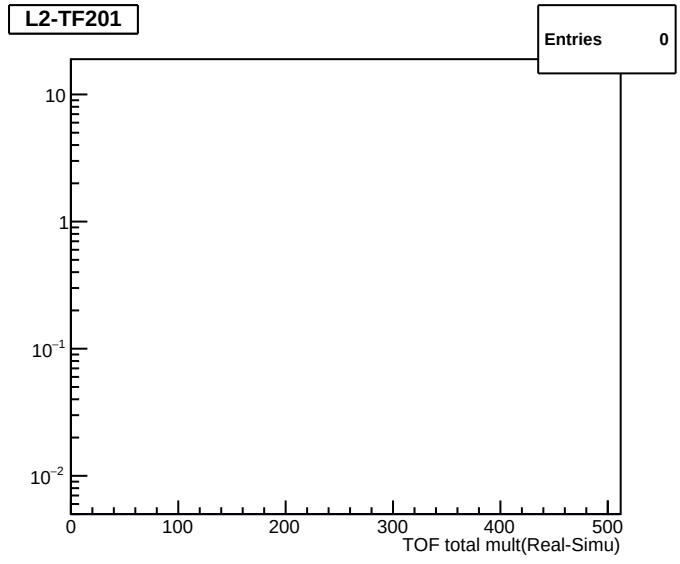

MIX-TF101
Entries 2.750026e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

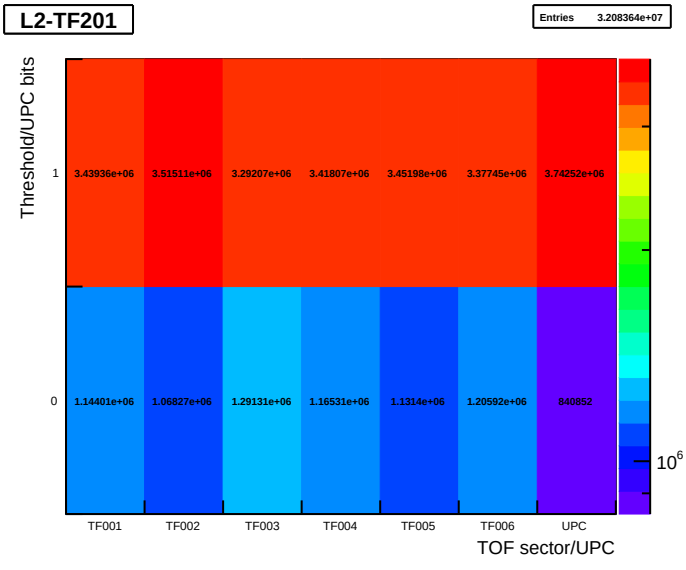

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

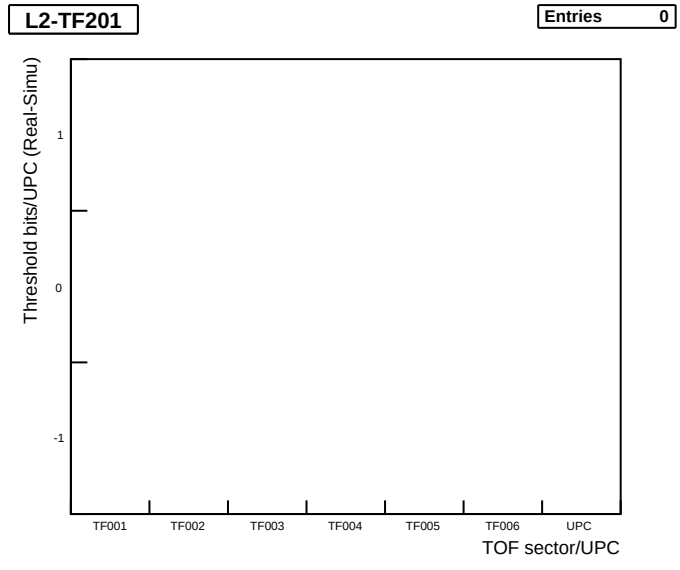

MIX-TF101
Entries 2.750026e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

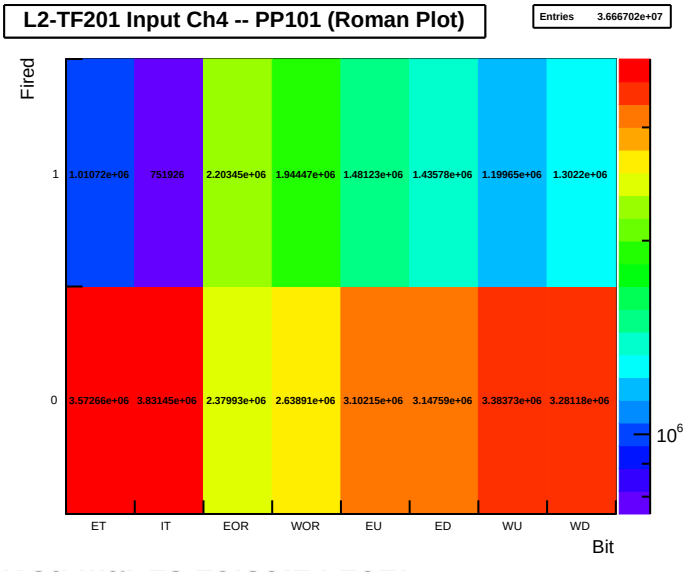

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

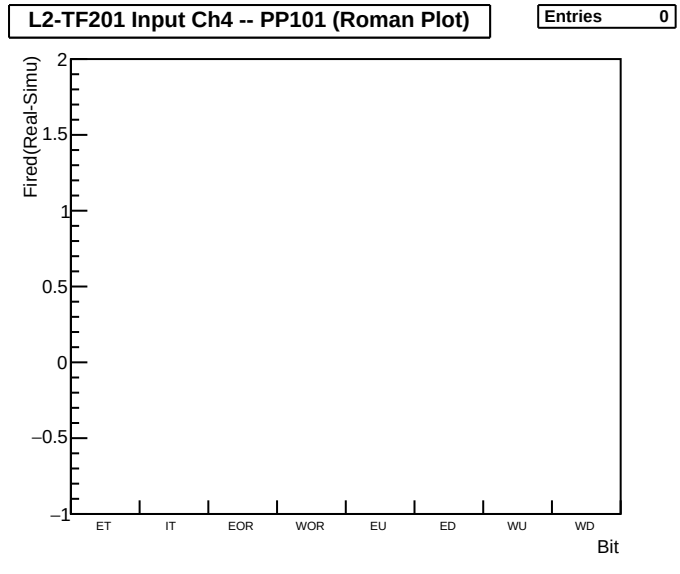

L2-TF201
Entries4583377
TOF total mult

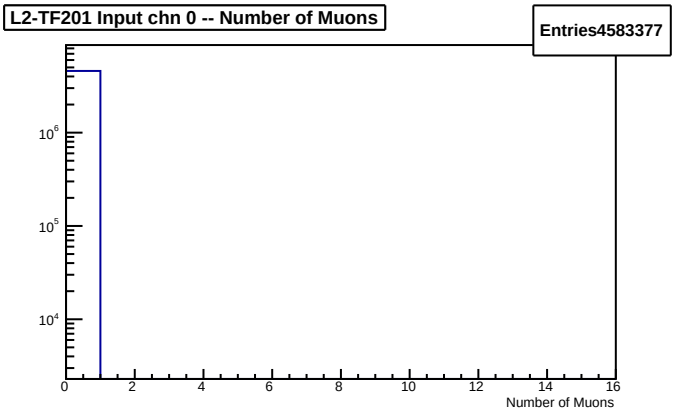

L2-TF201
Entries 0
TOF total mult(Real-Simu)

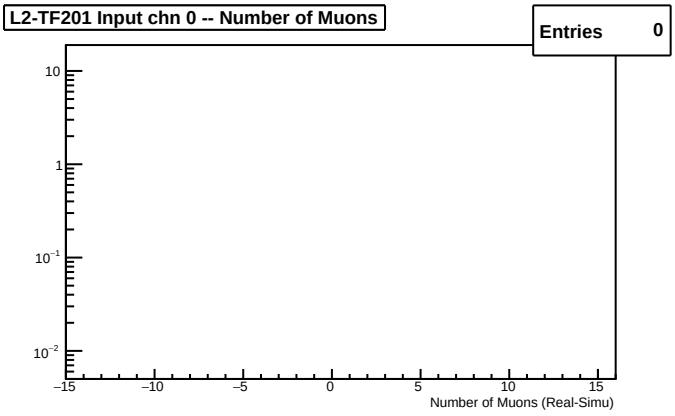

L2-TF201
Entries 3.208364e+07
Threshold/UPC bits
3.43936e+06
3.51511e+06
3.29207e+06
3.41807e+06
3.45198e+06
3.37745e+06
3.74252e+06
1.14401e+06
1.06827e+06
1.29131e+06
1.16531e+06
1.1314e+06
1.20592e+06
840852
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

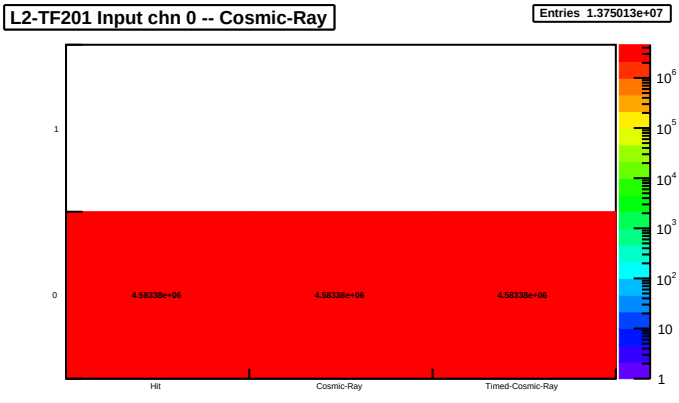

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

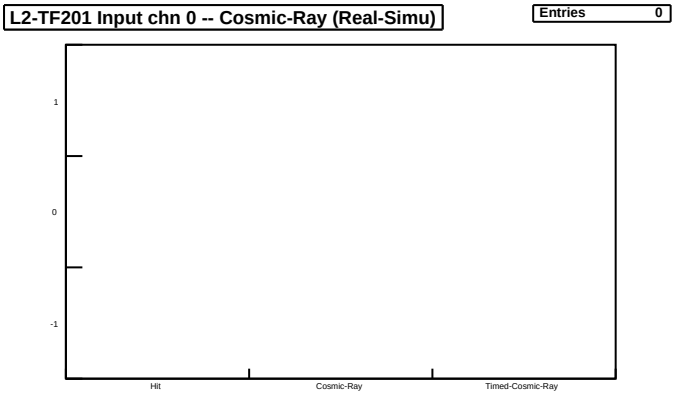

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.666702e+07
Fired
1.01072e+06
751926
2.20345e+06
1.94447e+06
1.48123e+06
1.43578e+06
1.19965e+06
1.3022e+06
3.57266e+06
3.83145e+06
2.37993e+06
2.63891e+06
3.10215e+06
3.14759e+06
3.38373e+06
3.28118e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

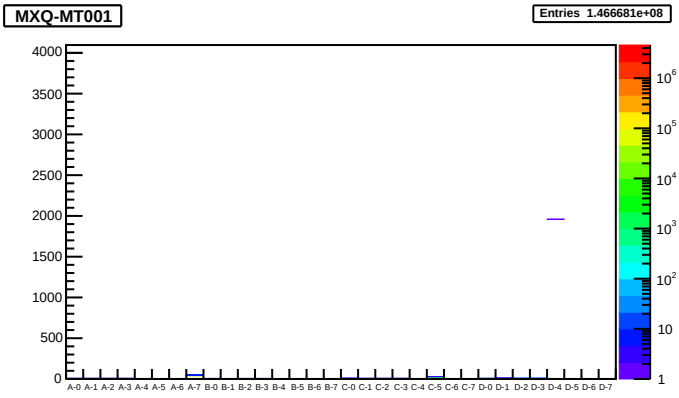

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

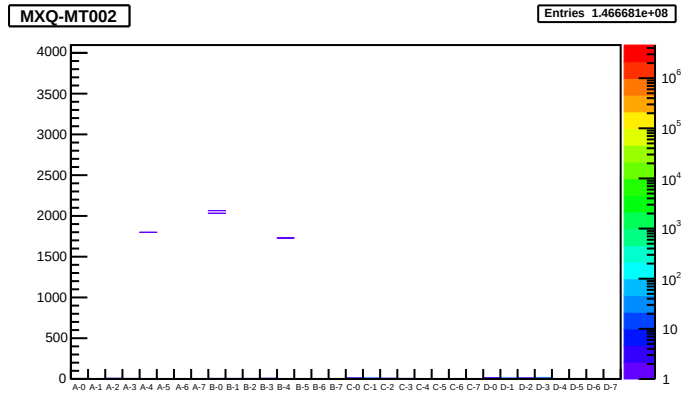

L2-TF201 Input chn 0 -- Number of Muons
Entries4583377
Number of Muons


L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.375013e+07
4.58338e+06
4.58338e+06
4.58338e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray


MXQ-MT001
Entries 1.466681e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 1.466681e+08
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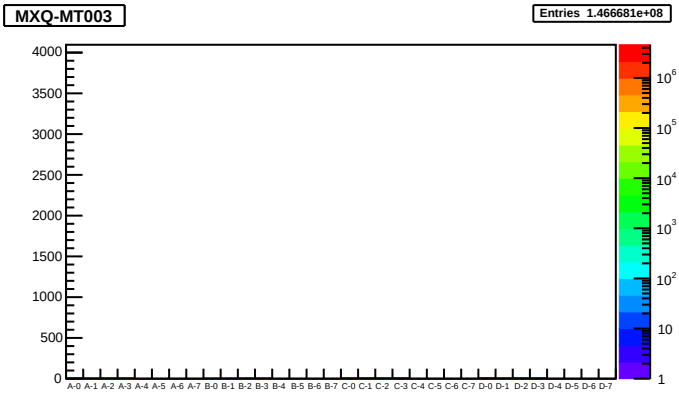
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.466681e+08
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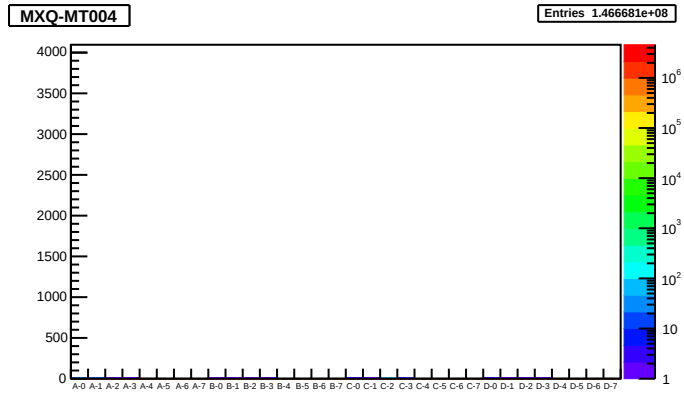
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 1.466681e+08
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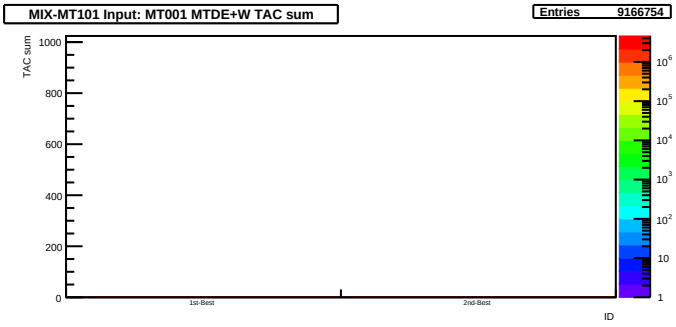
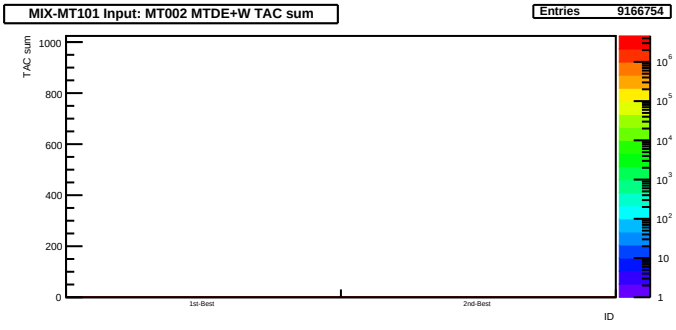
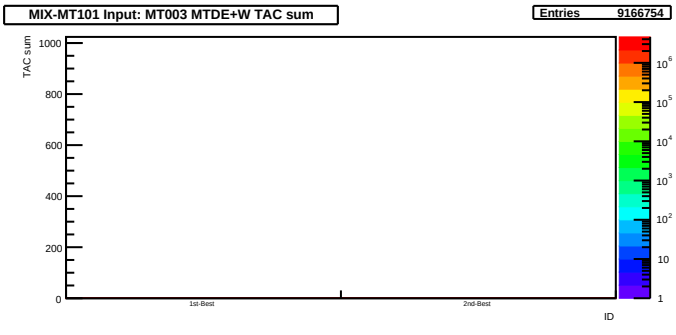
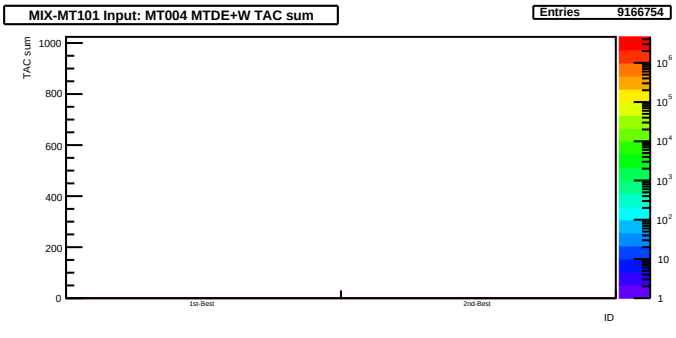
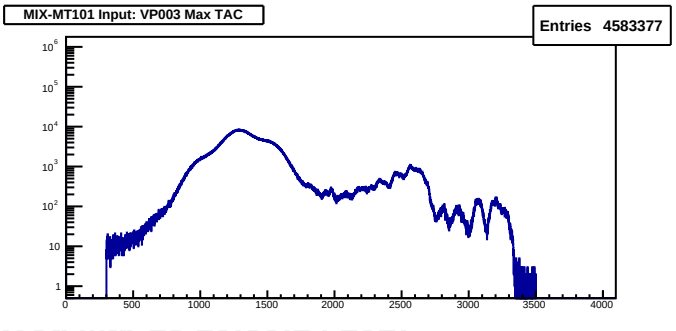
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

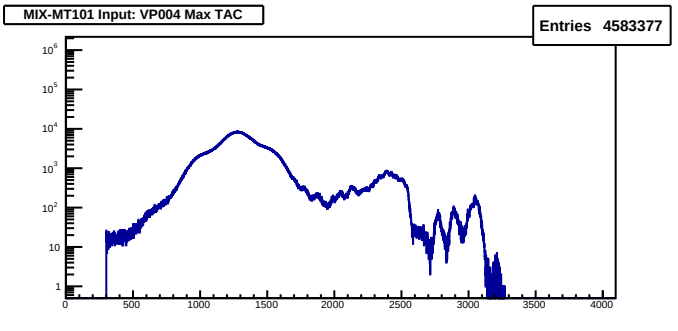

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9166754
TAC sum
1st-Best
2nd-Best
ID

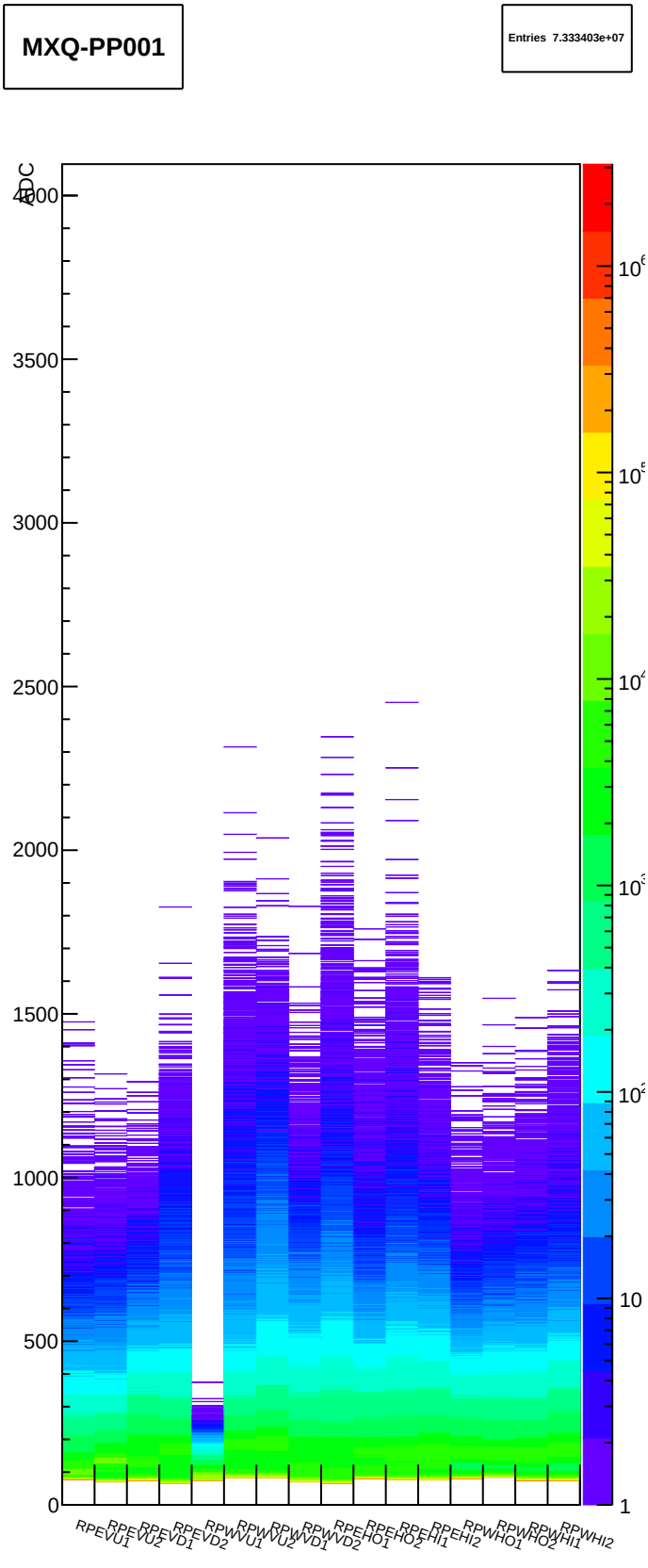

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9166754
TAC sum
1st-Best
2nd-Best
ID

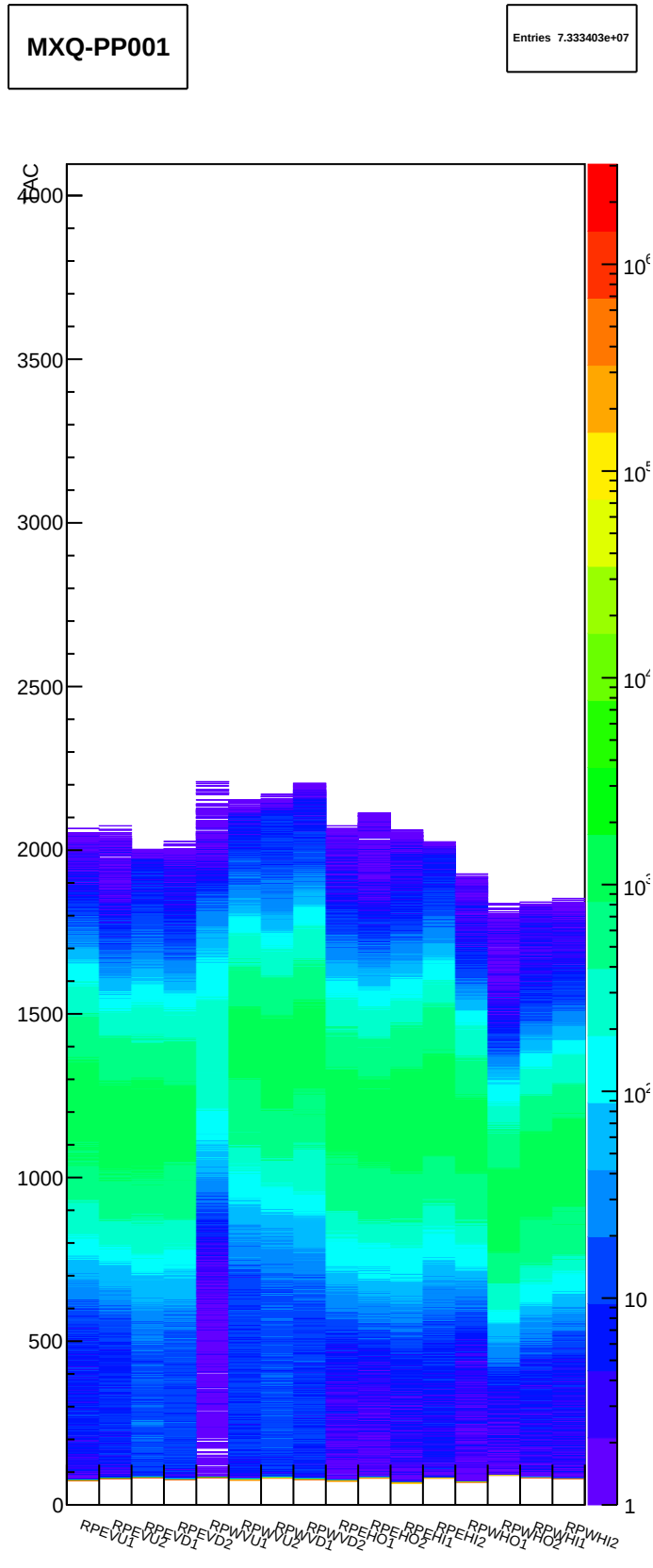

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9166754
TAC sum
1st-Best
2nd-Best
ID

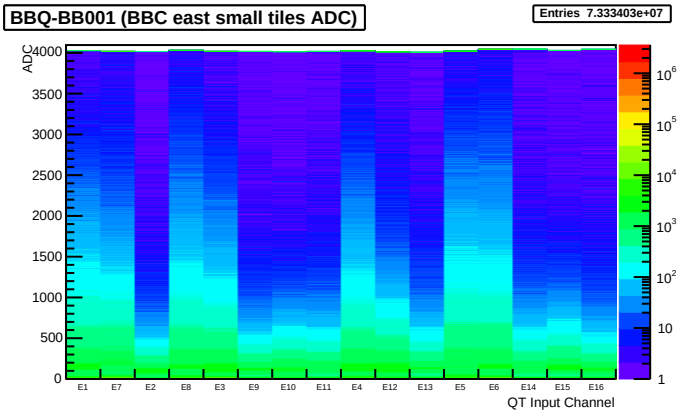

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9166754
TAC sum
1st-Best
2nd-Best
ID

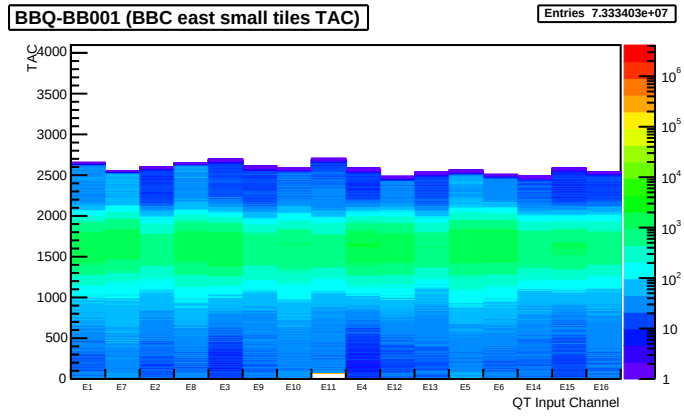

MIX-MT101 Input: VP003 Max TAC
Entries 4583377

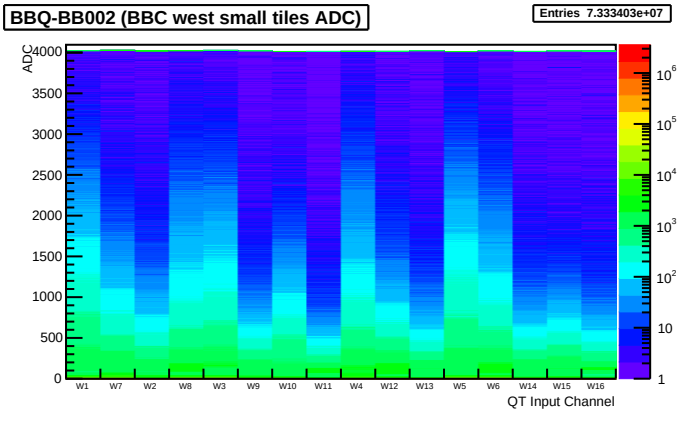

MIX-MT101 Input: VP004 Max TAC
Entries 4583377

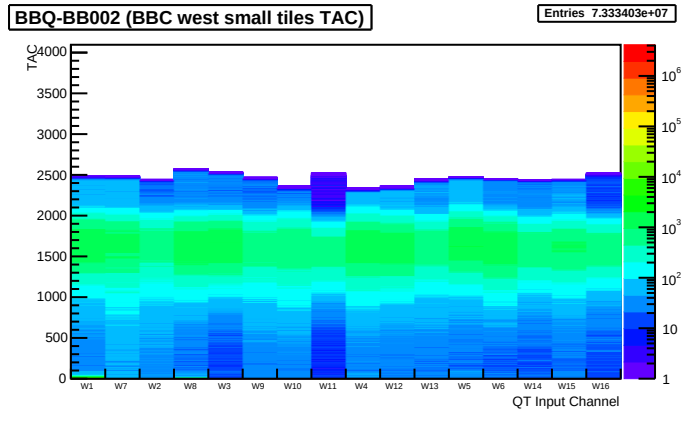

MXQ-PP001
Entries 7.333403e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

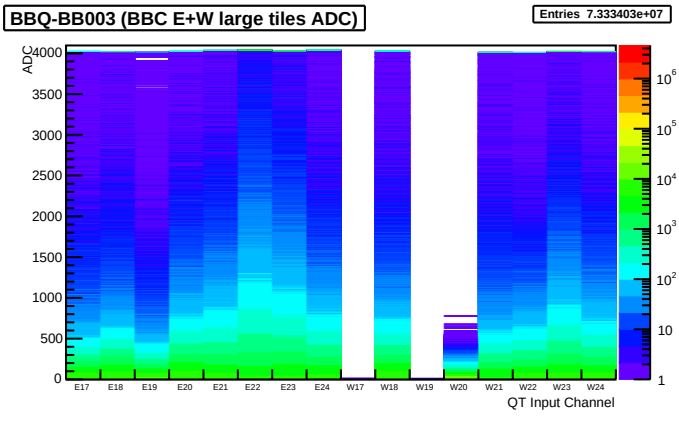

MXQ-PP001
Entries 7.333403e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

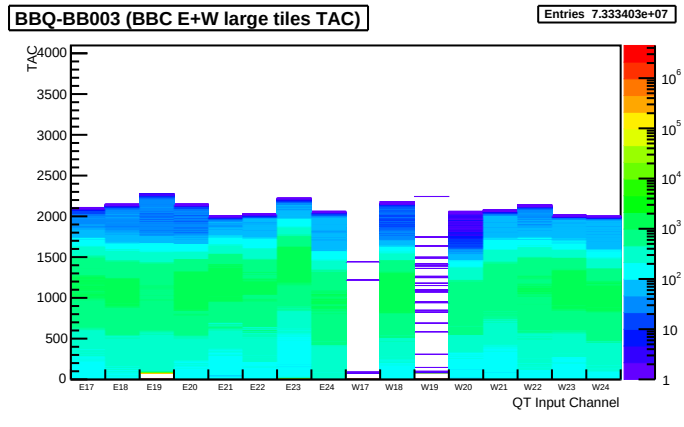

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.333403e+07
ADC
QT Input Channel

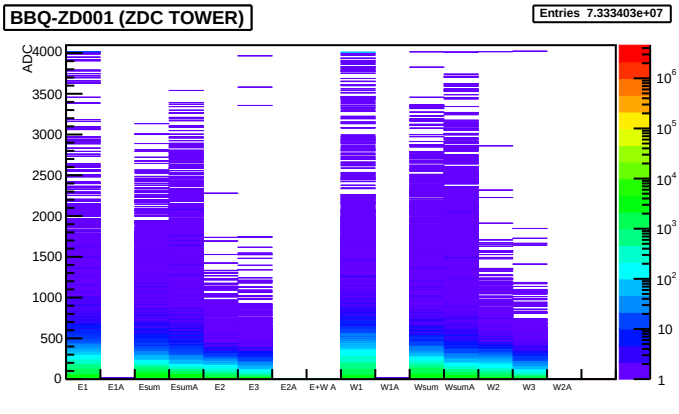

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.333403e+07
TAC
QT Input Channel

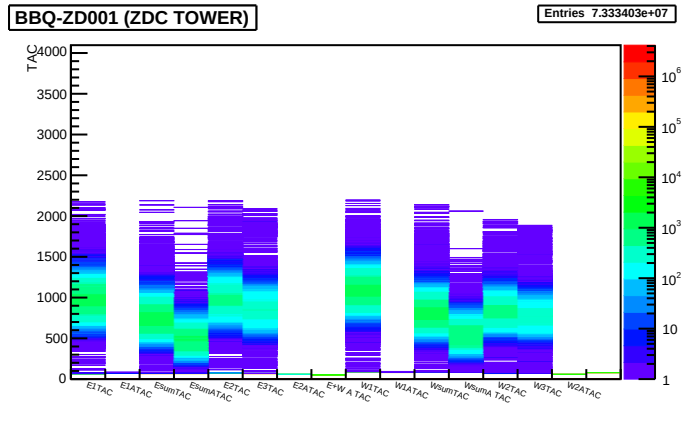

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.333403e+07
ADC
QT Input Channel

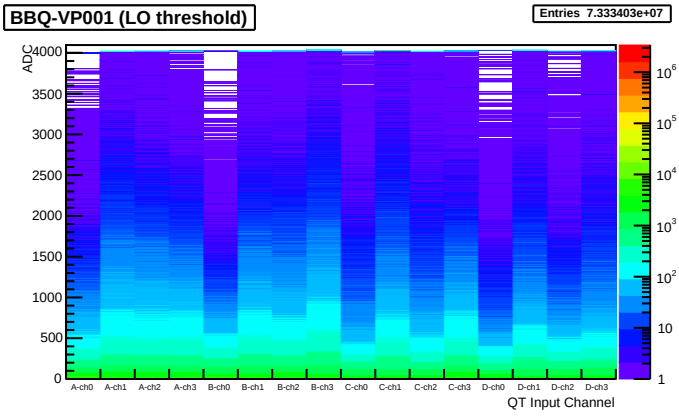

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.333403e+07
TAC
QT Input Channel

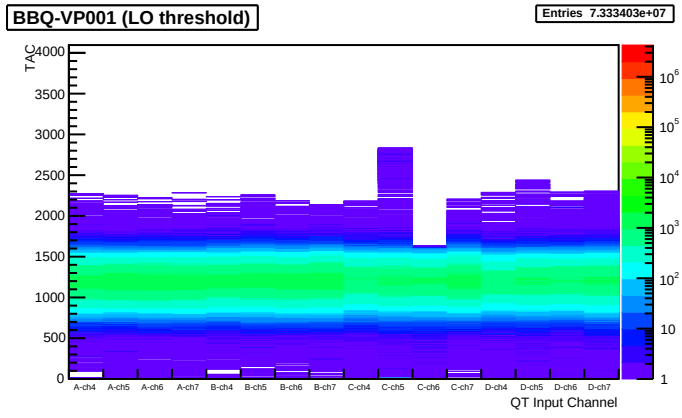

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.333403e+07
ADC
QT Input Channel

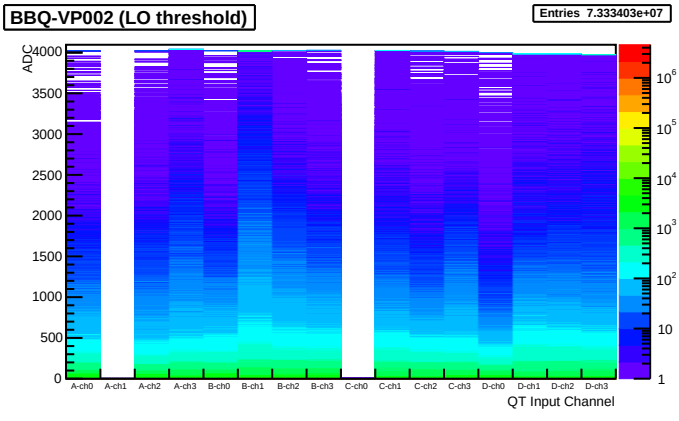

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.333403e+07
TAC
QT Input Channel

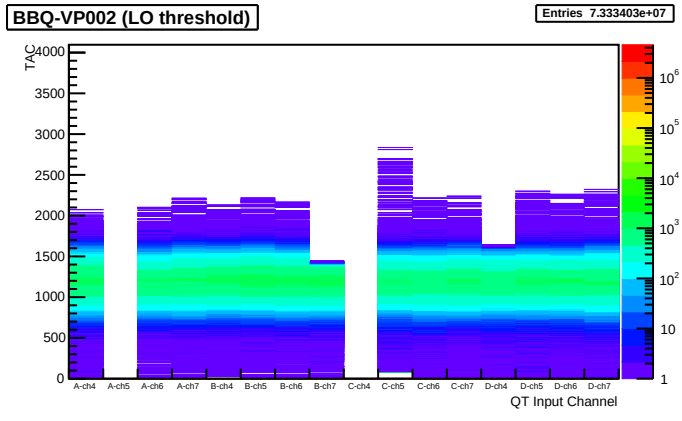

BBQ-ZD001 (ZDC TOWER)
Entries 7.333403e+07
ADC

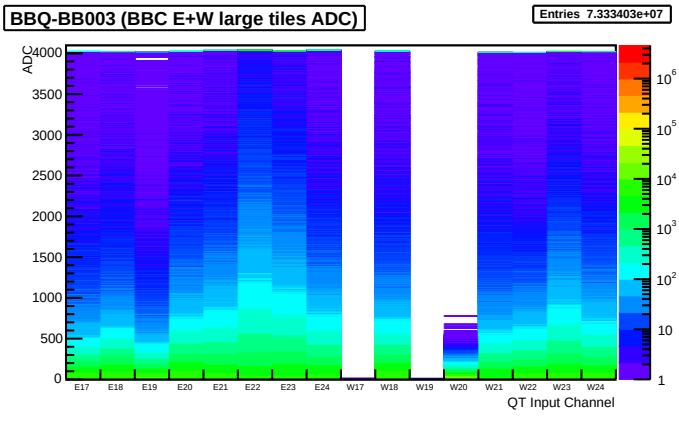

BBQ-ZD001 (ZDC TOWER)
Entries 7.333403e+07
TAC

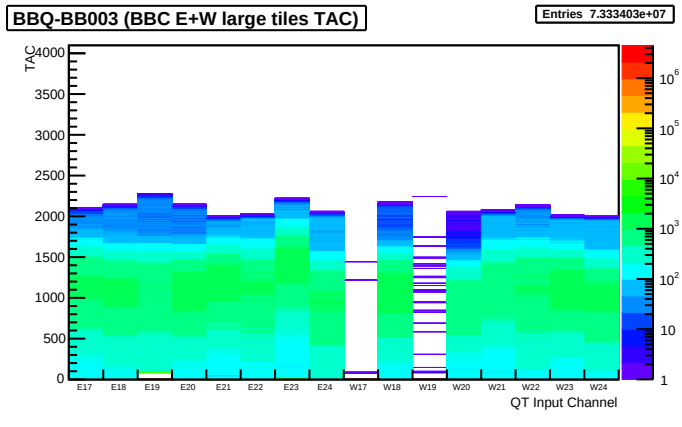

BBQ-VP001 (LO threshold)
Entries 7.333403e+07
ADC
QT Input Channel

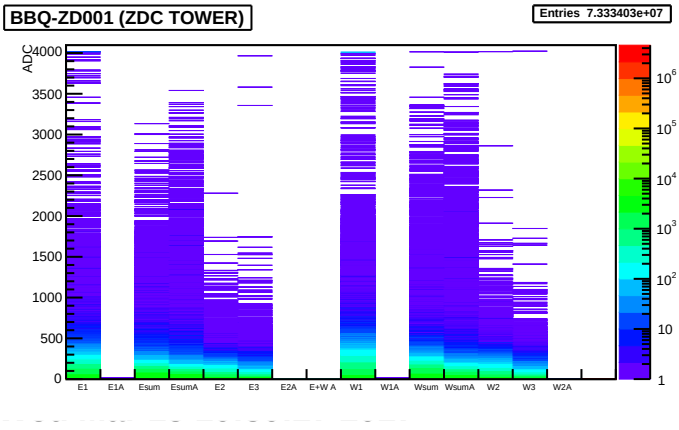

BBQ-VP001 (LO threshold)
Entries 7.333403e+07
TAC
QT Input Channel

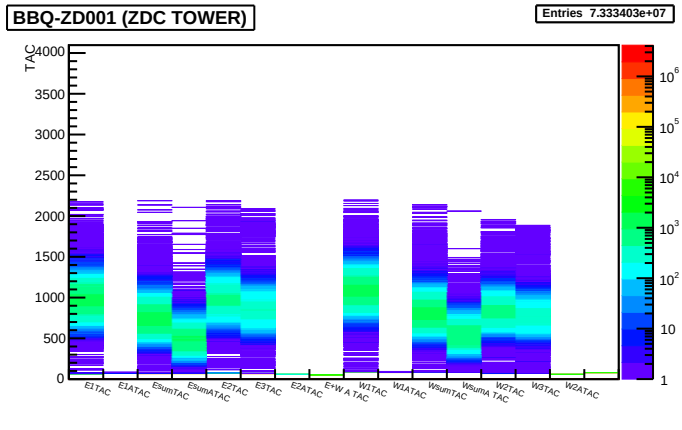

BBQ-VP002 (LO threshold)
Entries 7.333403e+07
ADC
QT Input Channel

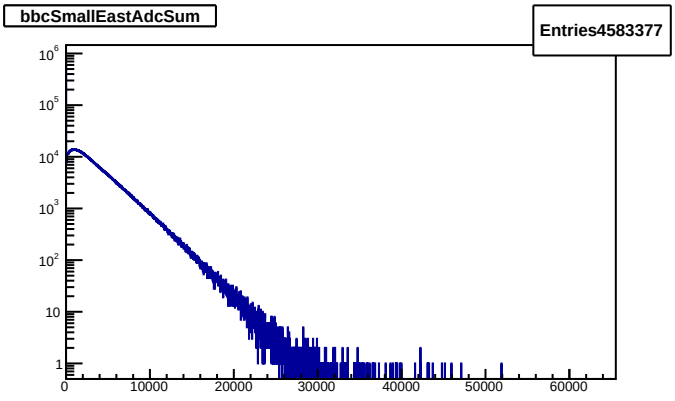

BBQ-VP002 (LO threshold)
Entries 7.333403e+07
TAC
QT Input Channel

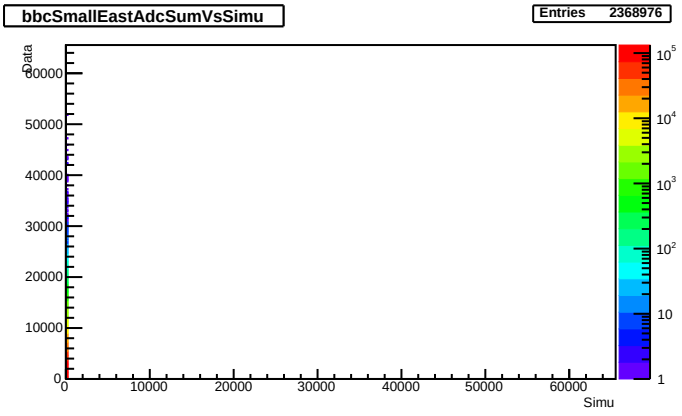

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.333403e+07
ADC
QT Input Channel

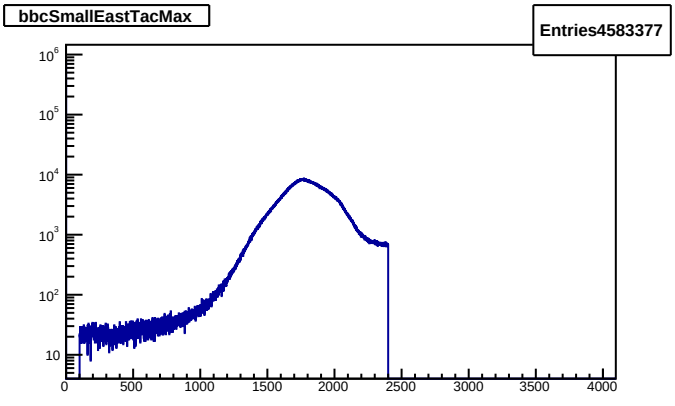

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.333403e+07
TAC
QT Input Channel

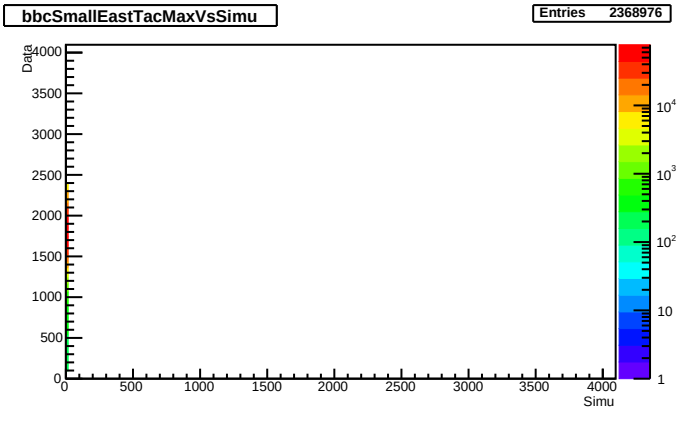

BBQ-ZD001 (ZDC TOWER)
Entries 7.333403e+07
ADC

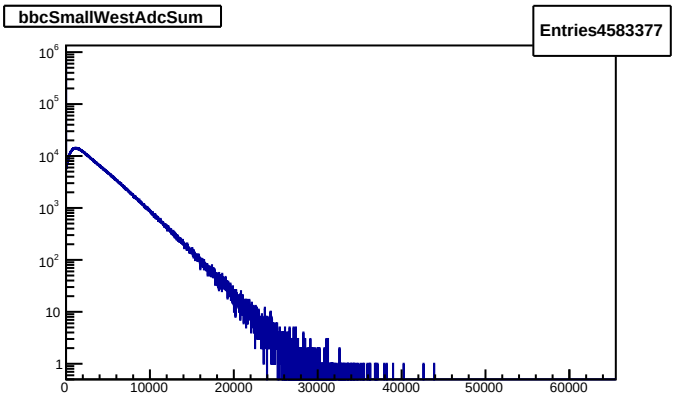

BBQ-ZD001 (ZDC TOWER)
Entries 7.333403e+07
TAC

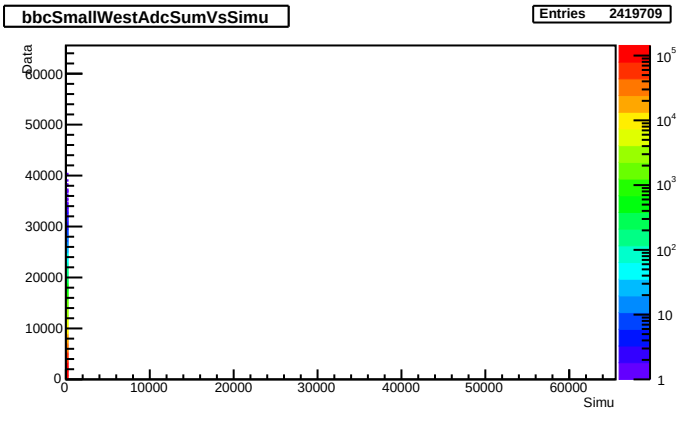

bbcSmallEastAdcSum
Entries4583377

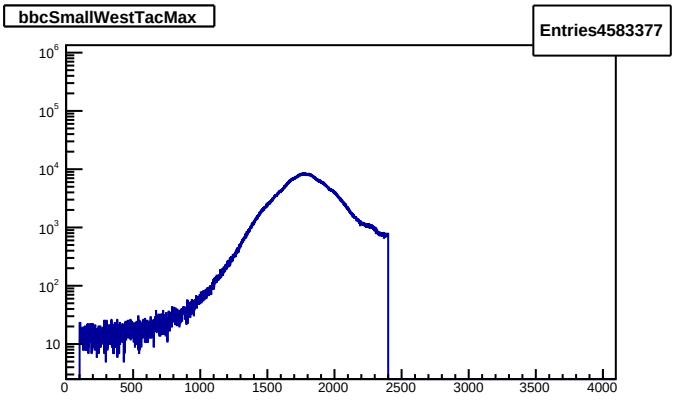

bbcSmallEastAdcSumVsSimu
Entries 2368976
Data
Simu

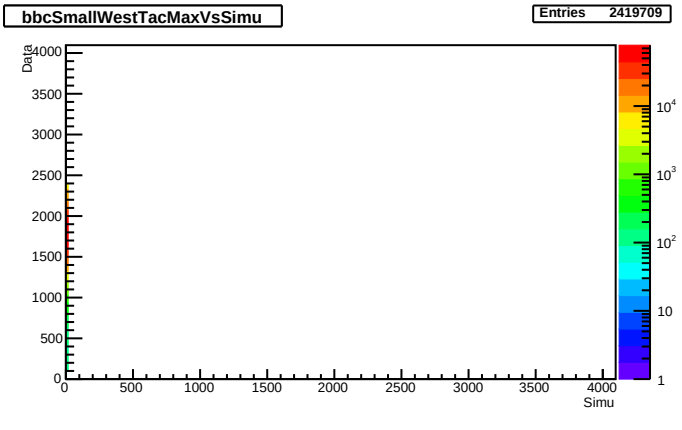

bbcSmallEastTacMax
Entries4583377

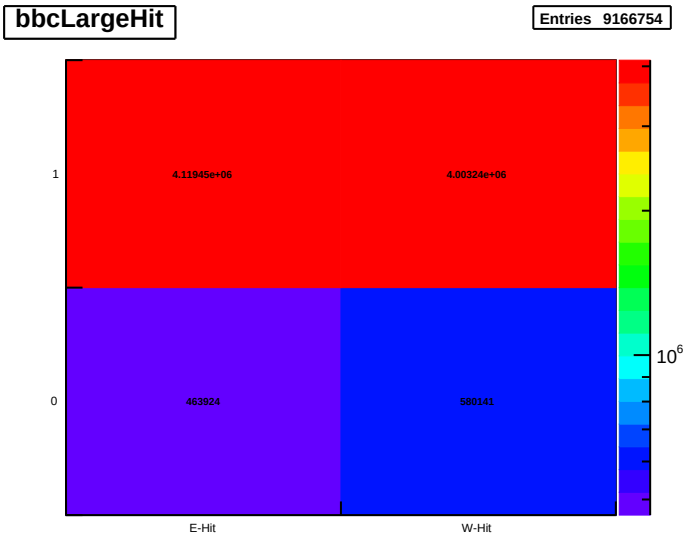

bbcSmallEastTacMaxVsSimu
Entries 2368976
Data
Simu

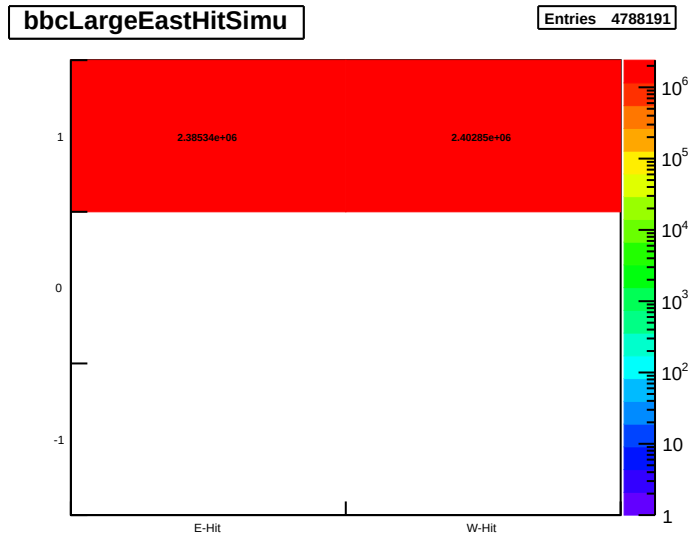

bbcSmallWestAdcSum
Entries4583377

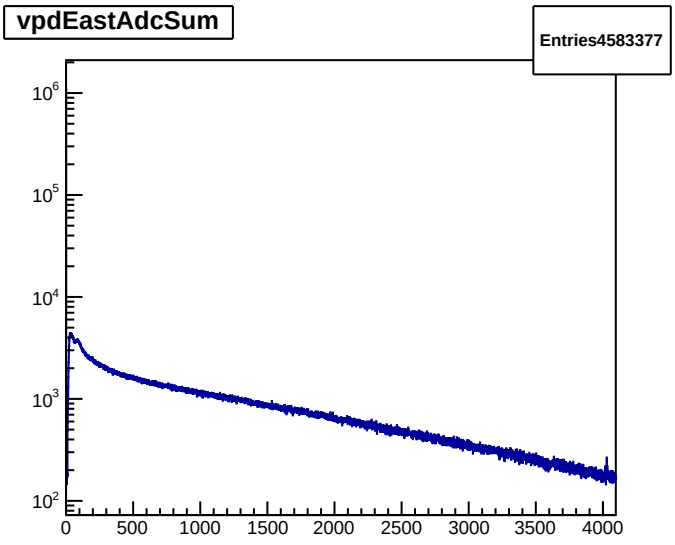

bbcSmallWestAdcSumVsSimu
Entries 2419709
Data
Simu

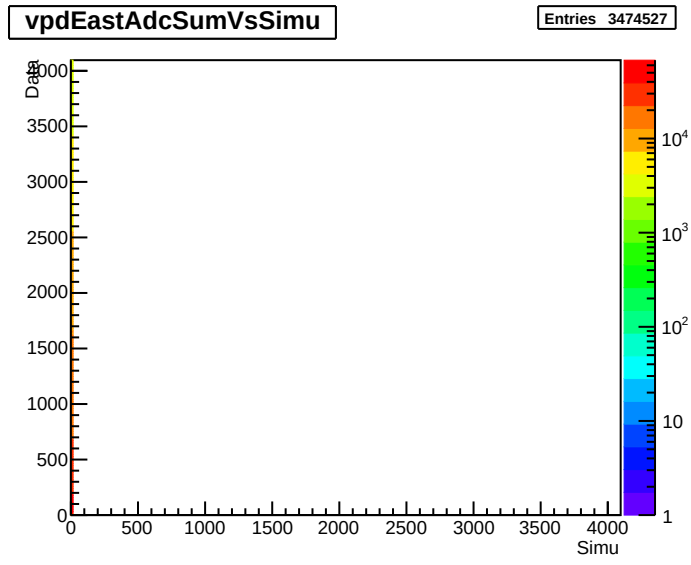

bbcSmallWestTacMax
Entries4583377

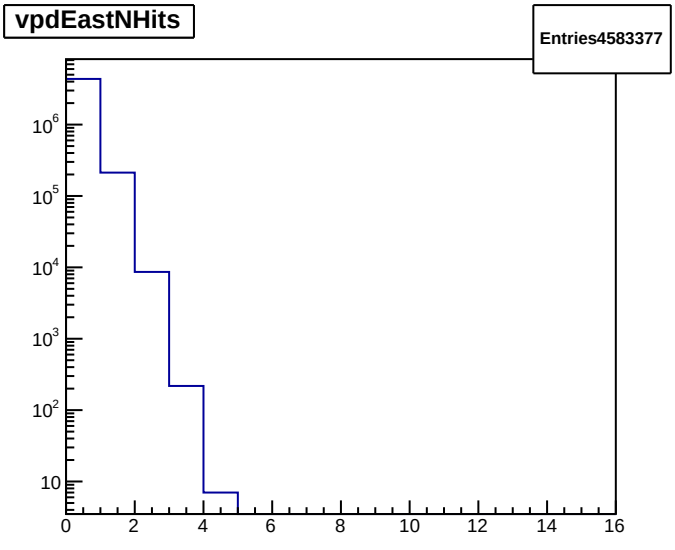

bbcSmallWestTacMaxVsSimu
Entries 2419709
Data
Simu

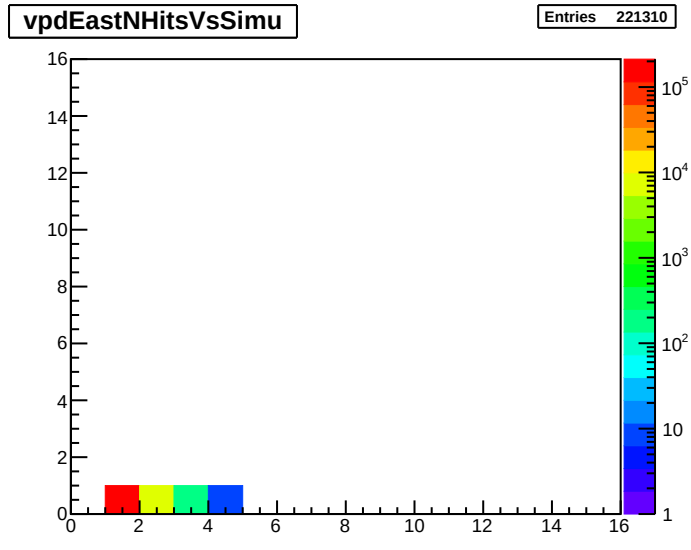

bbcLargeHit
Entries 9166754
1
0
4.11945e+06
4.00324e+06
463924
580141
E-Hit
W-Hit
10^6

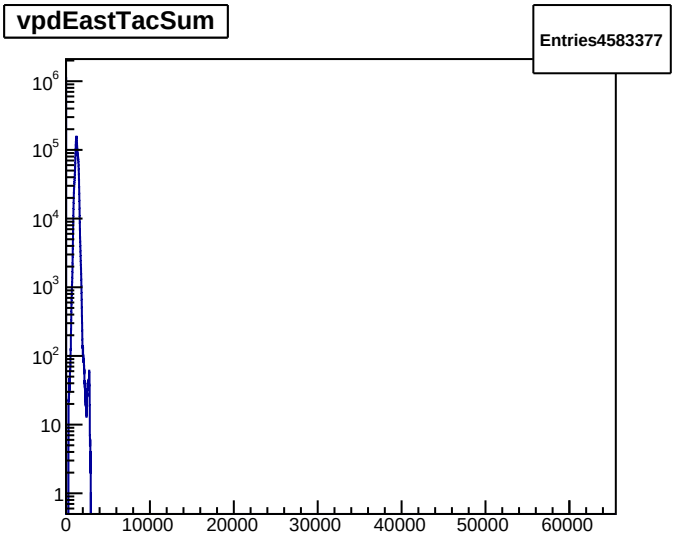

bbcLargeEastHitSimu
Entries 4788191
1
0
-1
2.38534e+06
2.40285e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

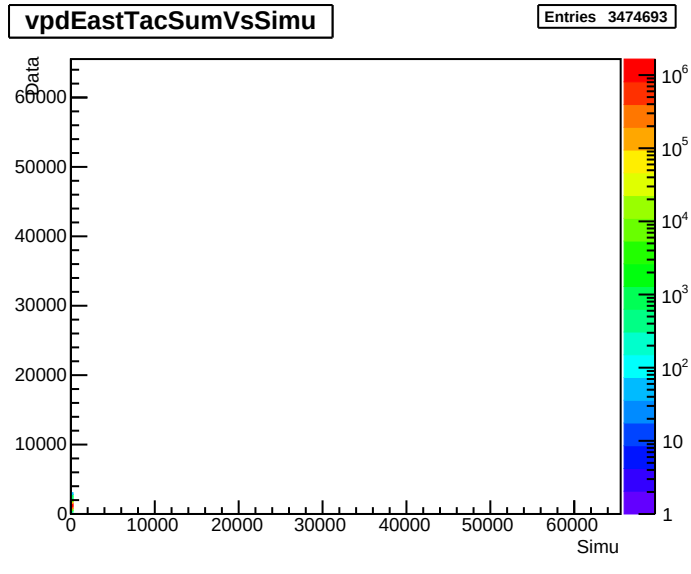

vpdEastAdcSum
Entries4583377

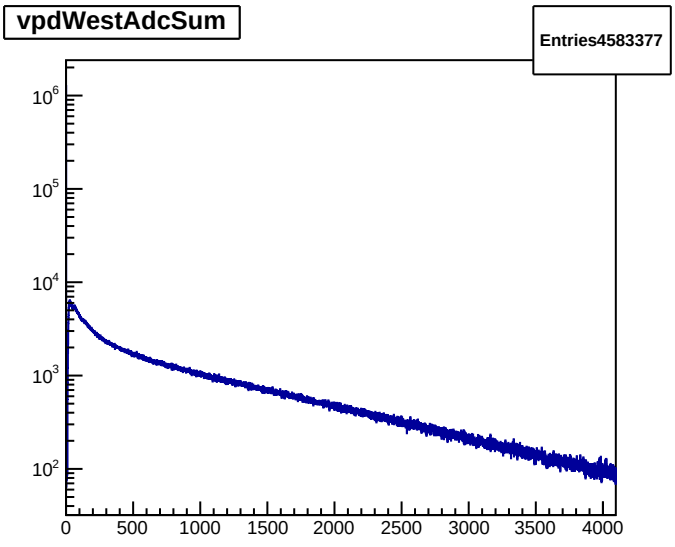

vpdEastAdcSumVsSimu
Entries 3474527
Data
Simu

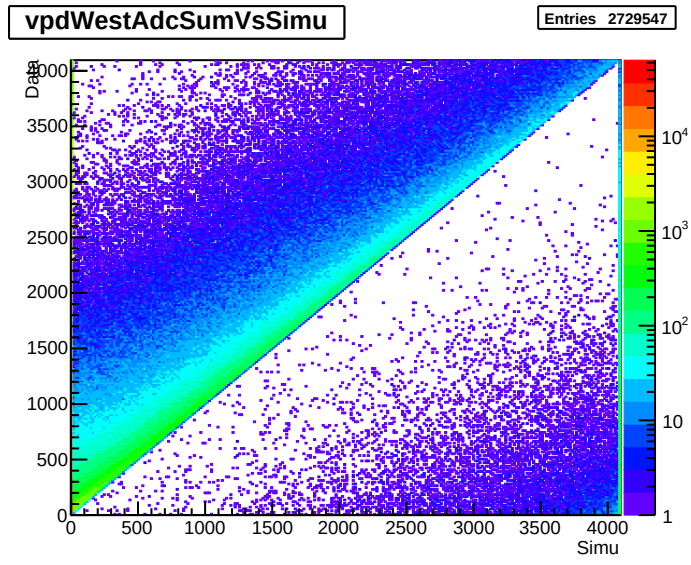

vpdEastNHits
Entries4583377

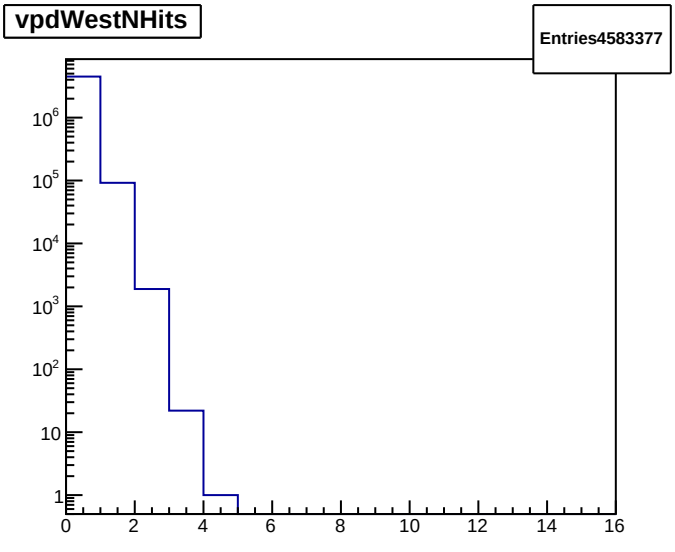

vpdEastNHitsVsSimu
Entries 221310

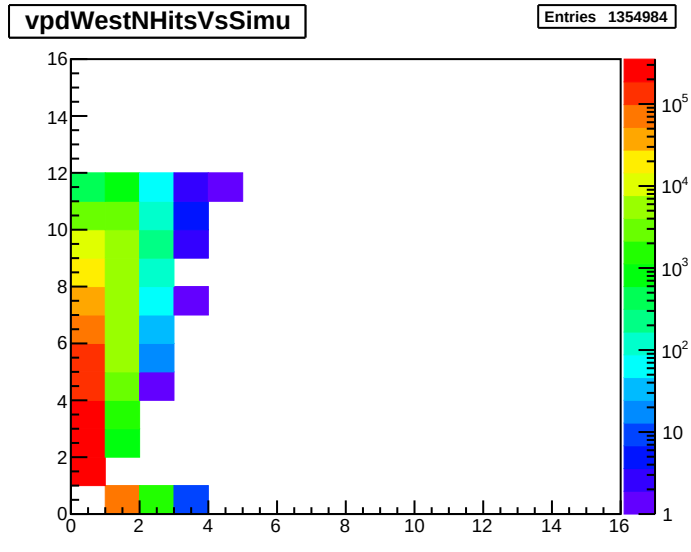

vpdEastTacSum
Entries4583377

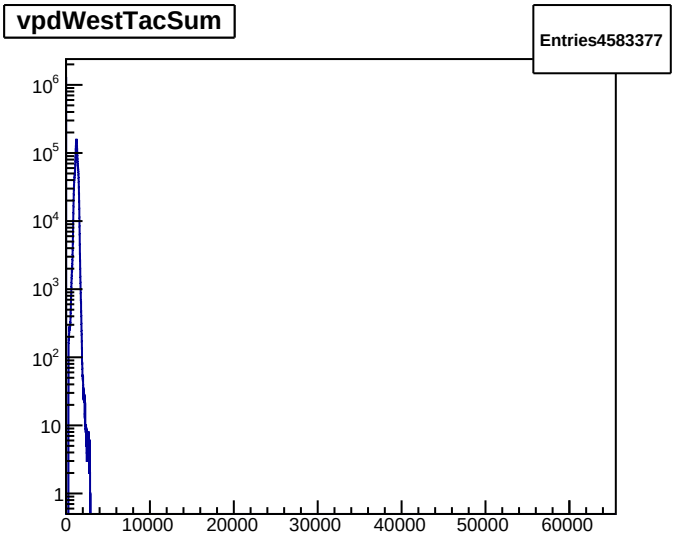

vpdEastTacSumVsSimu
Entries 3474693
Data
Simu

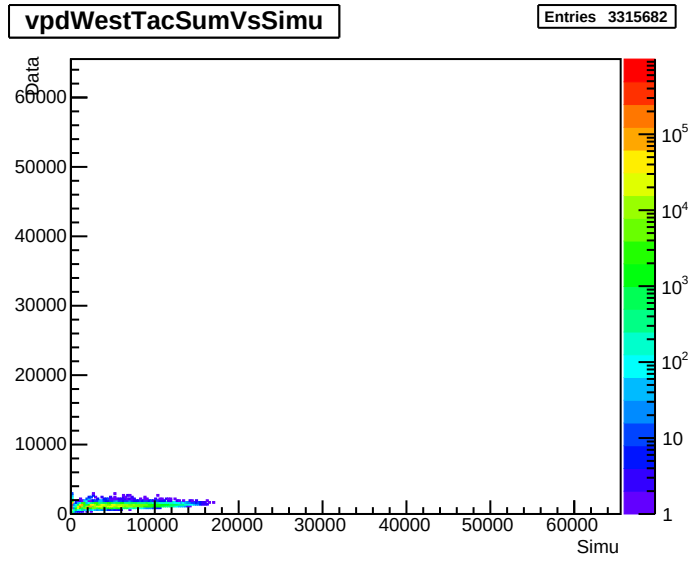

vpdWestAdcSum
Entries4583377

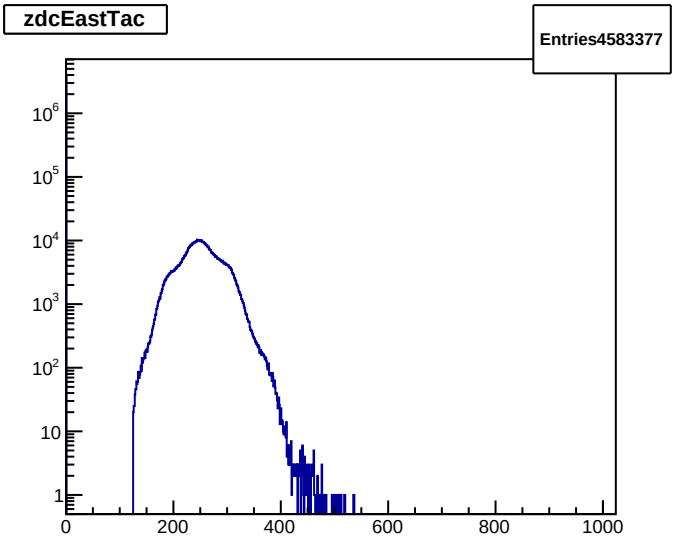

vpdWestAdcSumVsSimu
Entries 2729547
Data
Simu

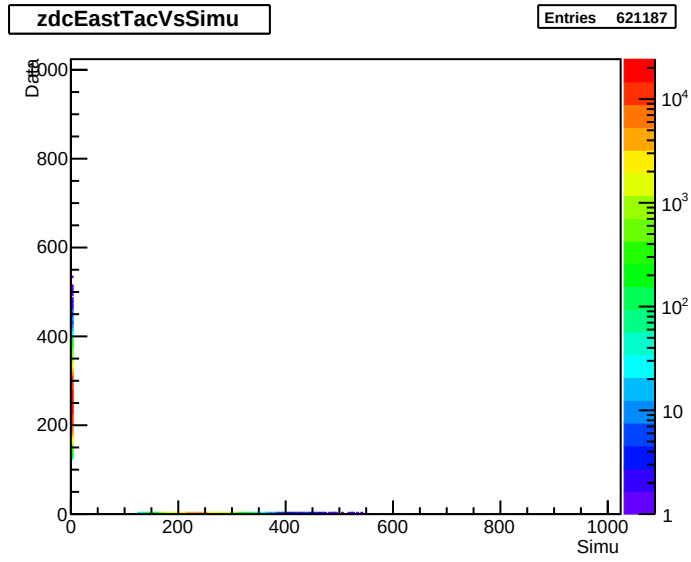

vpdWestNHits
Entries4583377

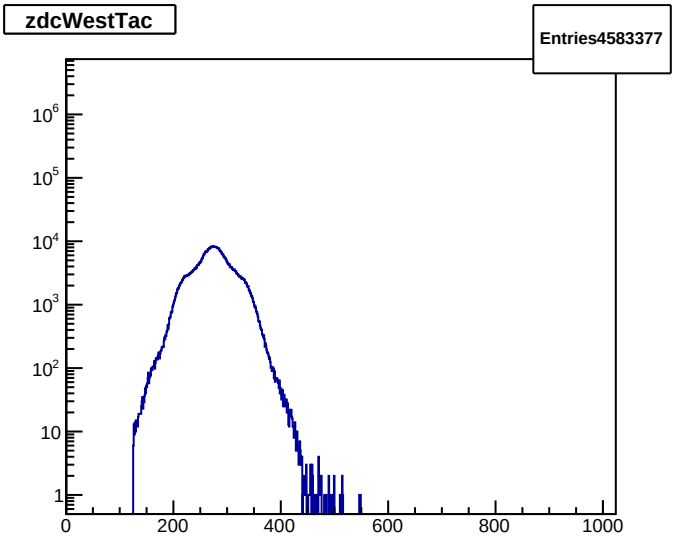

vpdWestNHitsVsSimu
Entries 1354984

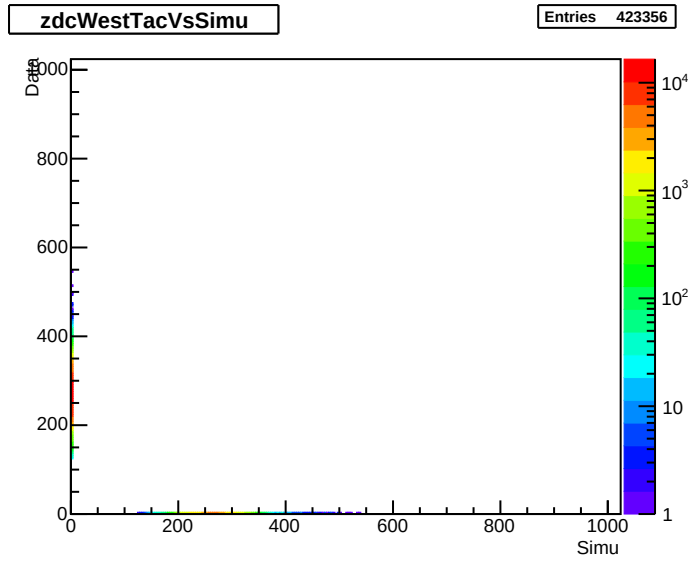

vpdWestTacSum
Entries4583377

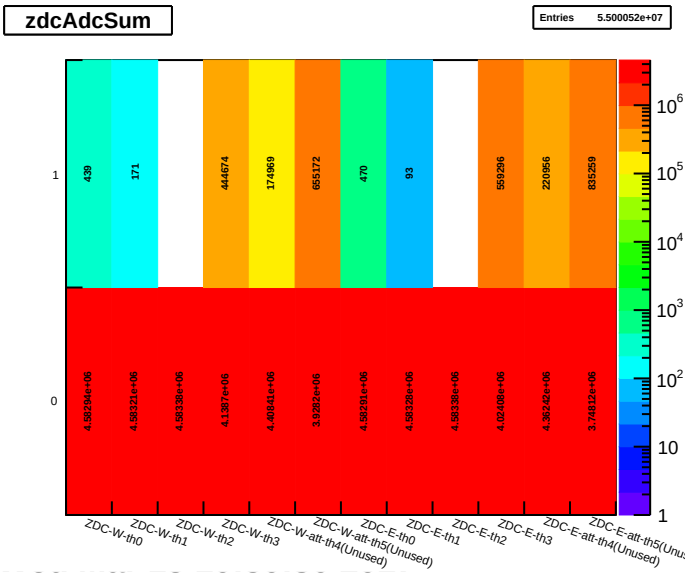

vpdWestTacSumVsSimu
Entries 3315682
Data
Simu

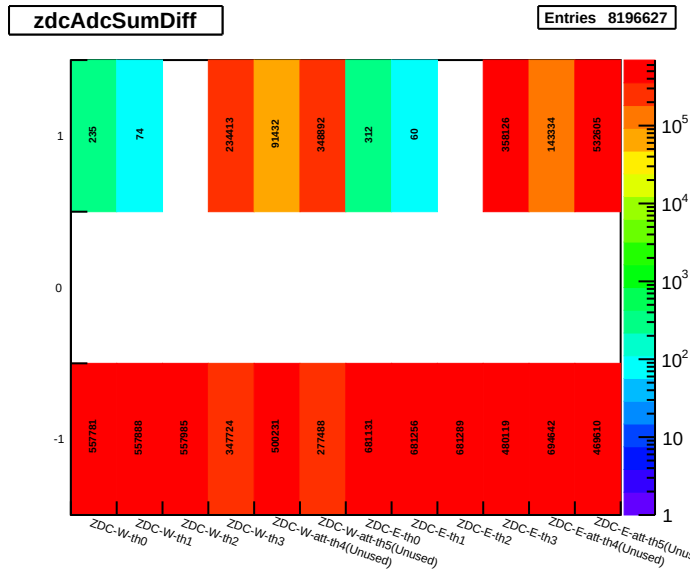

zdcEastTac
Entries4583377

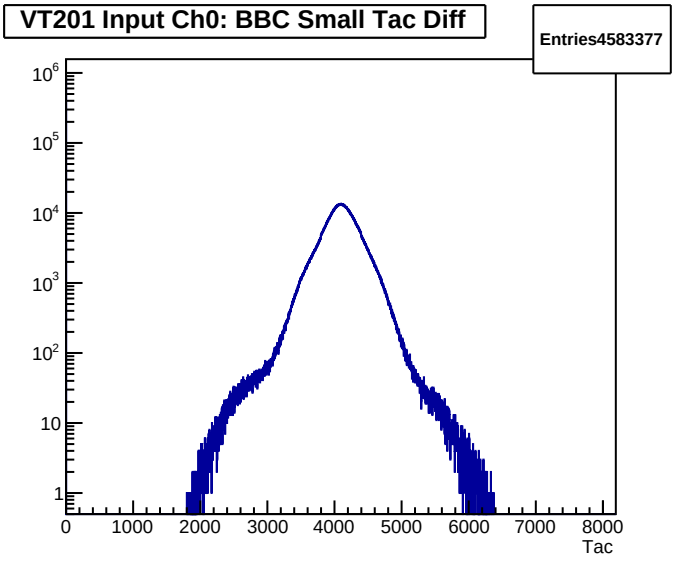

zdcEastTacVsSimu
Entries 621187
Data
Simu

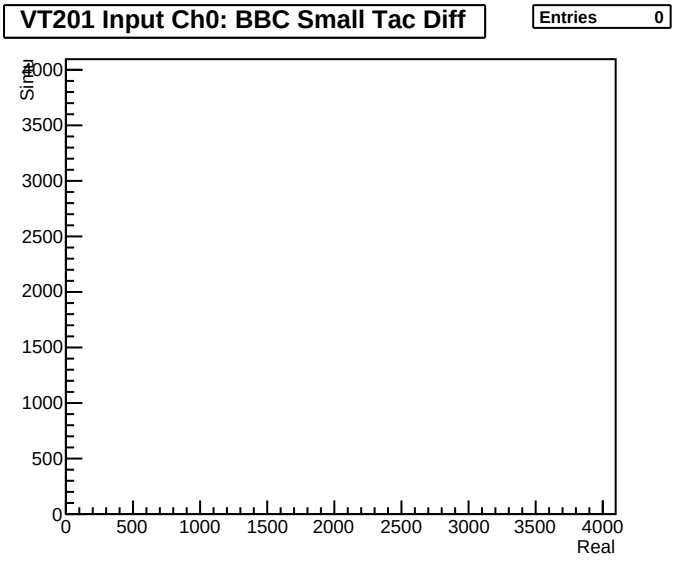

zdcWestTac
Entries4583377

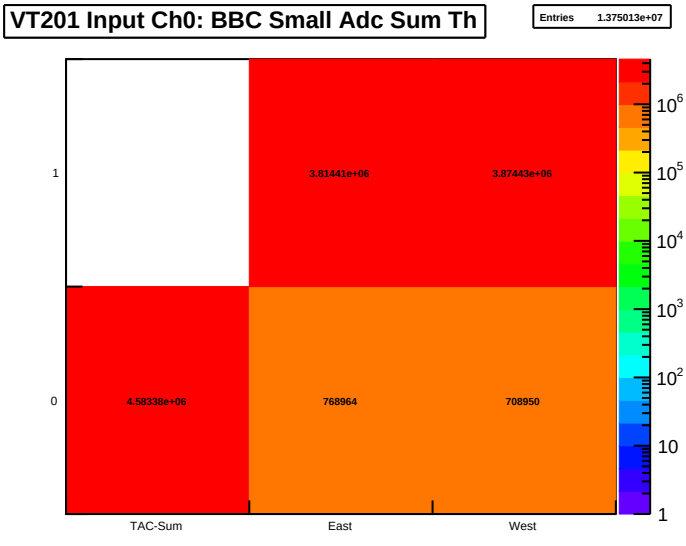

zdcWestTacVsSimu
Entries 423356
Data
Simu

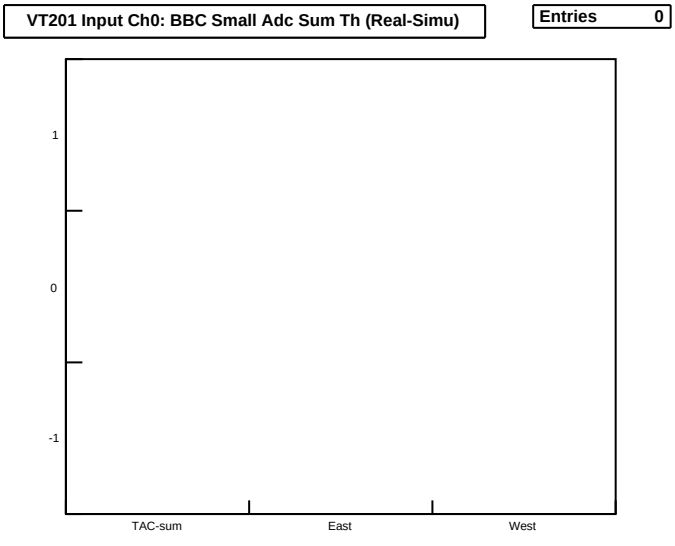

zdcAdcSum
Entries 5.500052e+07
439
171
444674
174969
655172
470
93
559296
220956
835259
4.50294e+06
4.59321e+06
4.59338e+06
4.1387e+06
4.40841e+06
3.9282e+06
4.59291e+06
4.59328e+06
4.59338e+06
4.02408e+06
4.36242e+06
3.74812e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

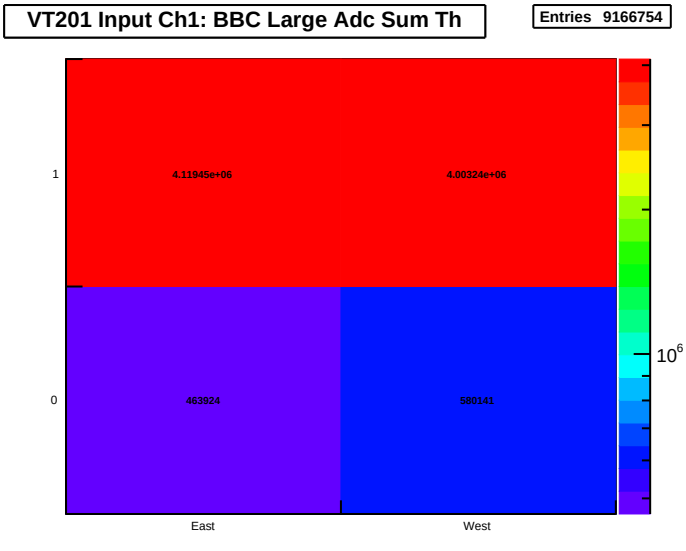

zdcAdcSumDiff
Entries 8196627
235
74
234413
91432
348802
312
60
358126
143334
532605
557781
557888
557985
347724
500231
277488
681131
681256
681289
480119
694642
469610
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

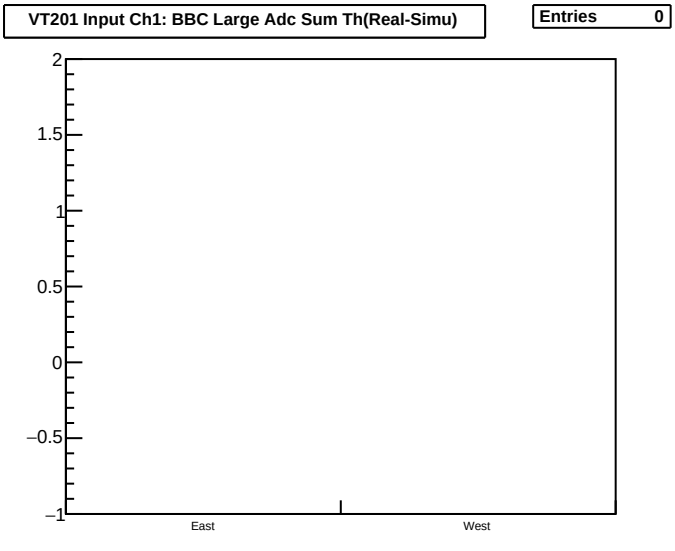

VT201 Input Ch0: BBC Small Tac Diff
Entries4583377
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

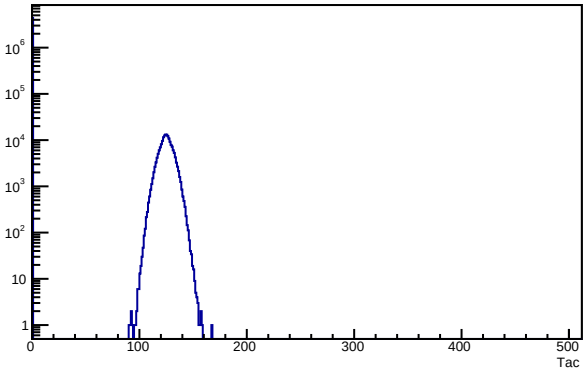

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.375013e+07
3.81441e+06
3.87443e+06
4.58338e+06
768964
708950
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

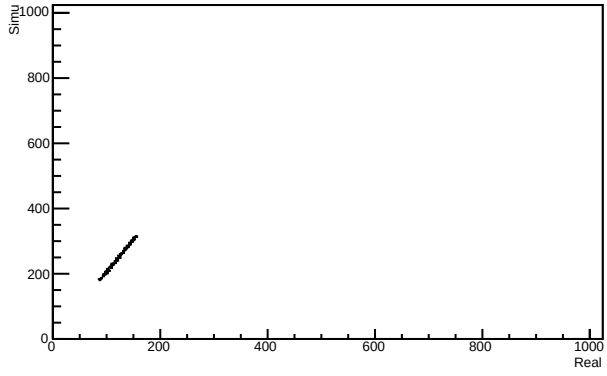

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9166754
4.11945e+06
4.00324e+06
463924
580141
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

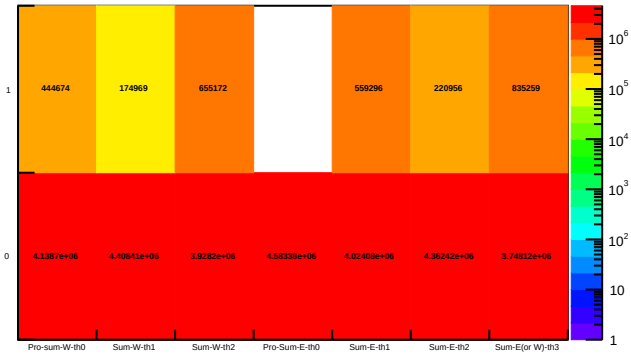
VT201 Input Ch2: ZDC Tac Diff



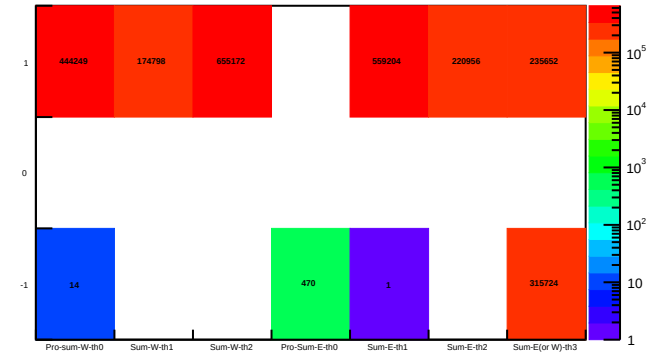
VT201 Input Ch2: ZDC Tac Diff



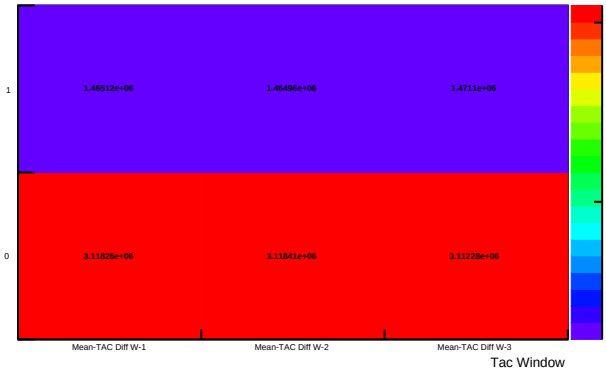
VT201 Input Ch2: ZDC Adc Sum Th



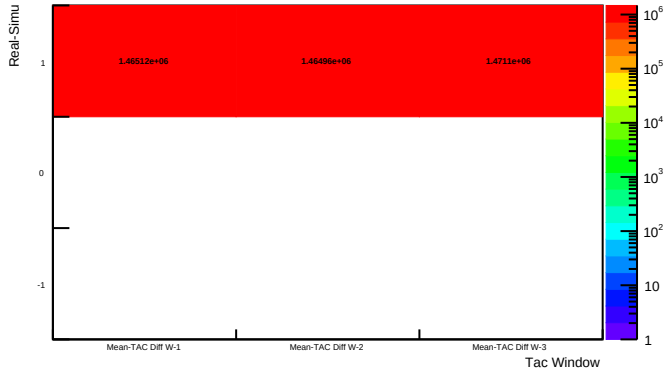
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



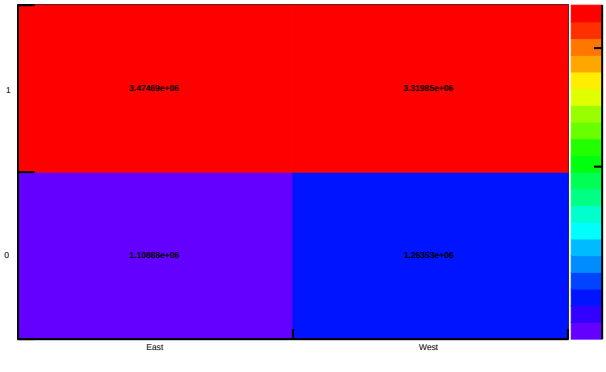
VT201 Input Ch4: VPD Tac Diff



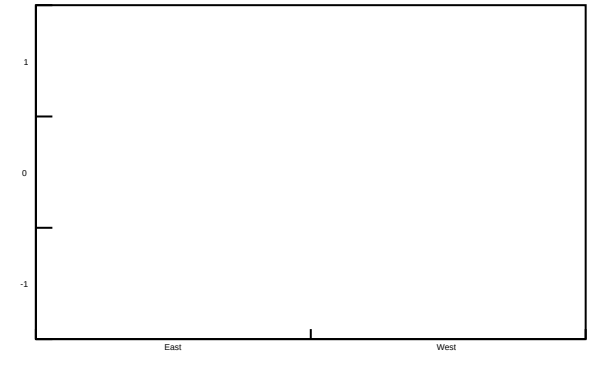
VT201 Input Ch4: VPD Tac Diff

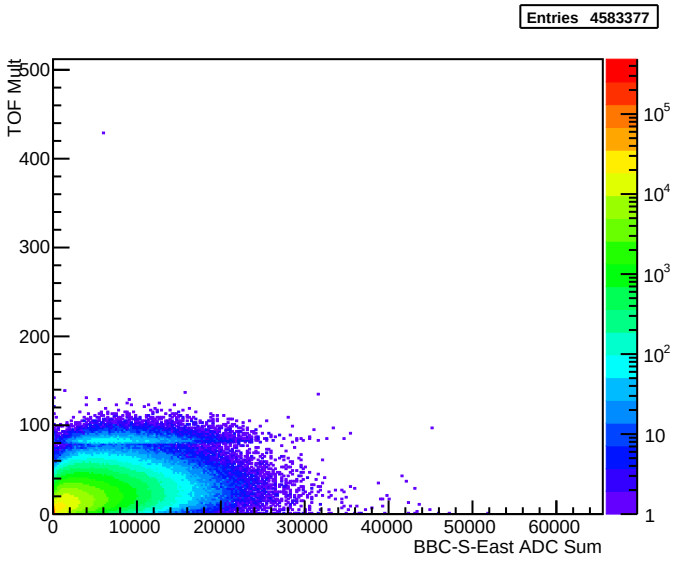


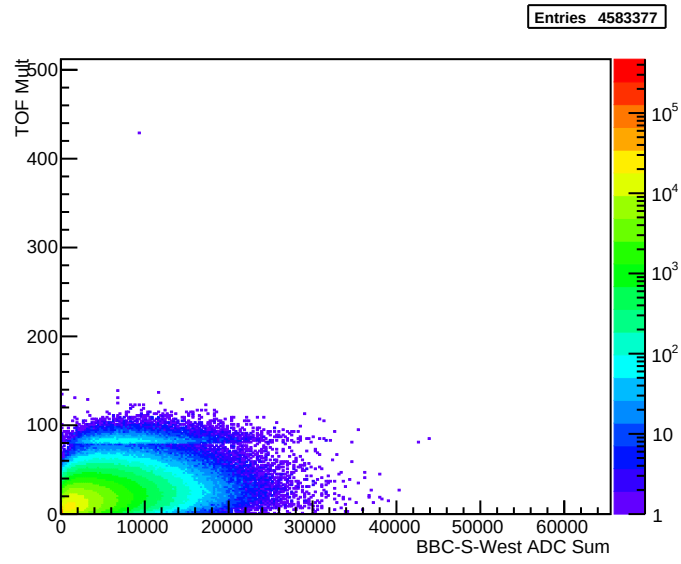
VT201 Input Ch4: VPD Adc Sum Th

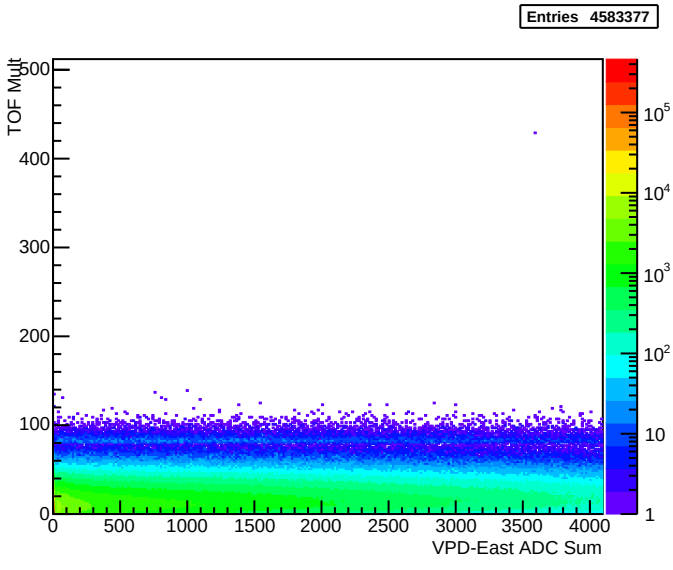


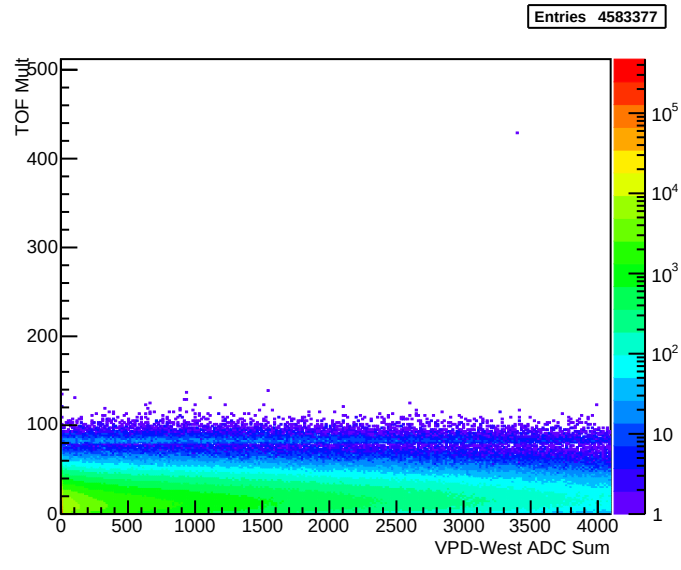
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

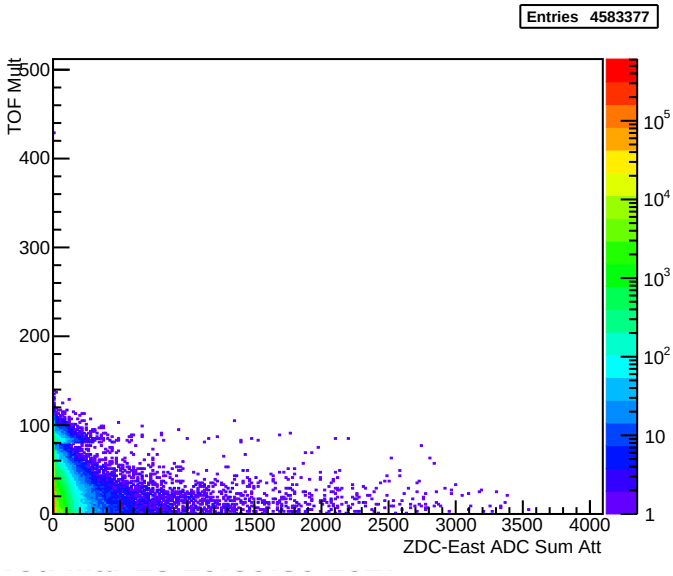


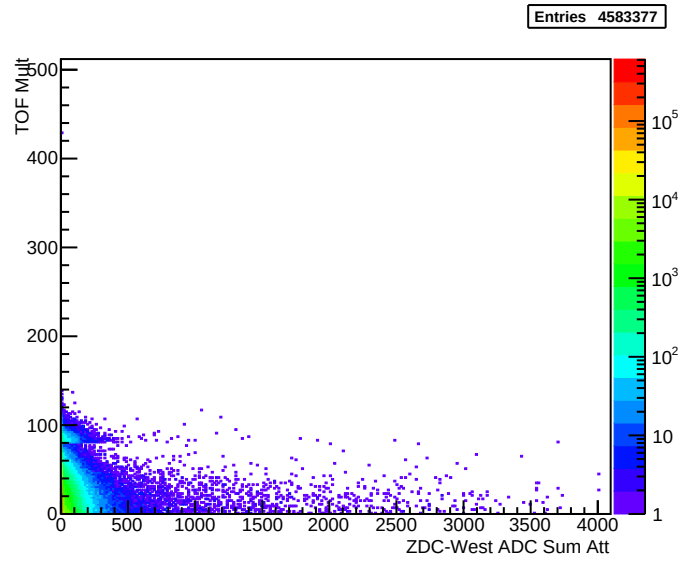

Entries 4583377
TOF Mult
BBC-S-East ADC Sum

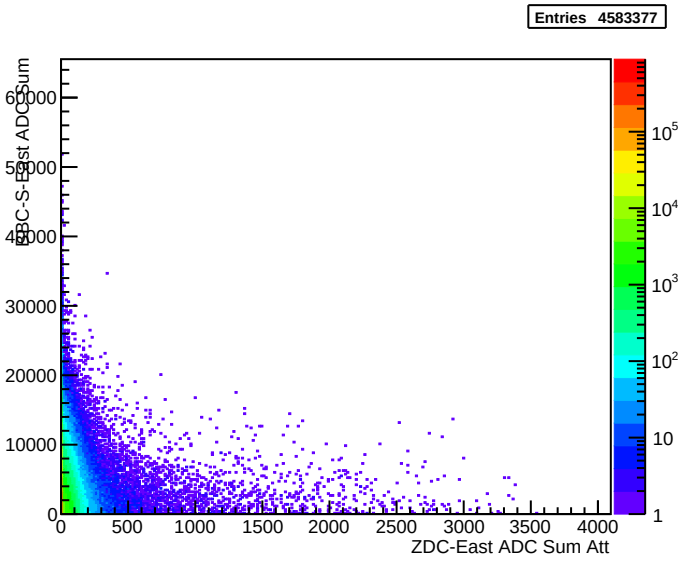

Entries 4583377
TOF Mult
BBC-S-West ADC Sum

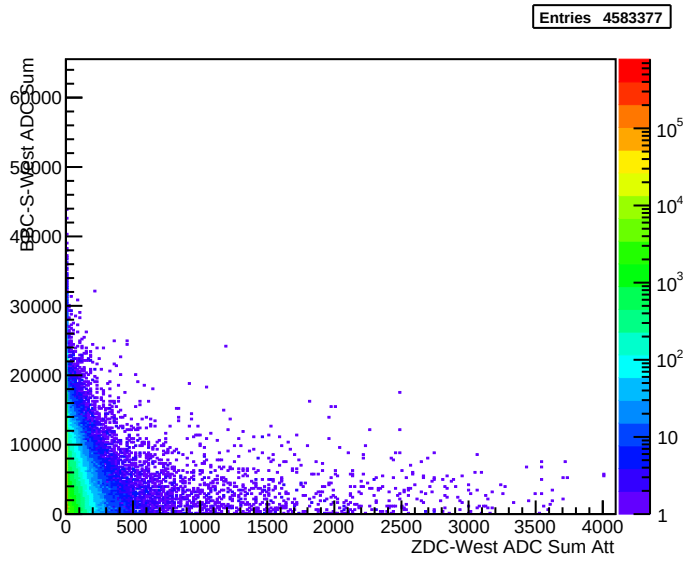

Entries 4583377
TOF Mult
VPD-East ADC Sum

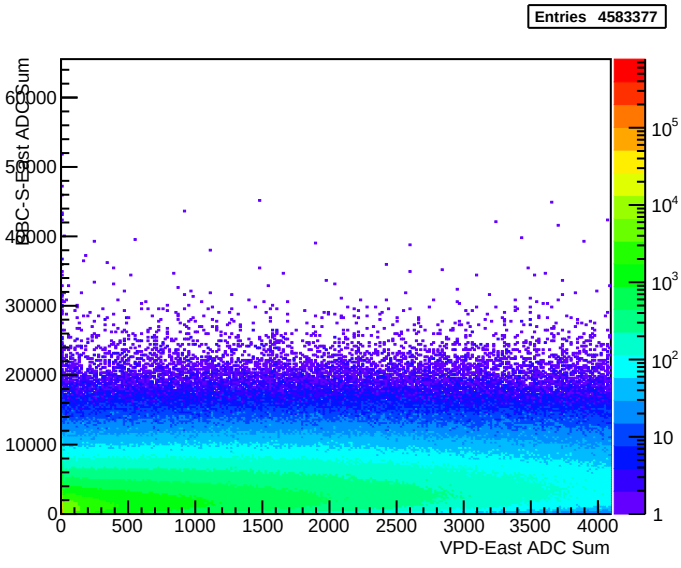

Entries 4583377
TOF Mult
VPD-West ADC Sum

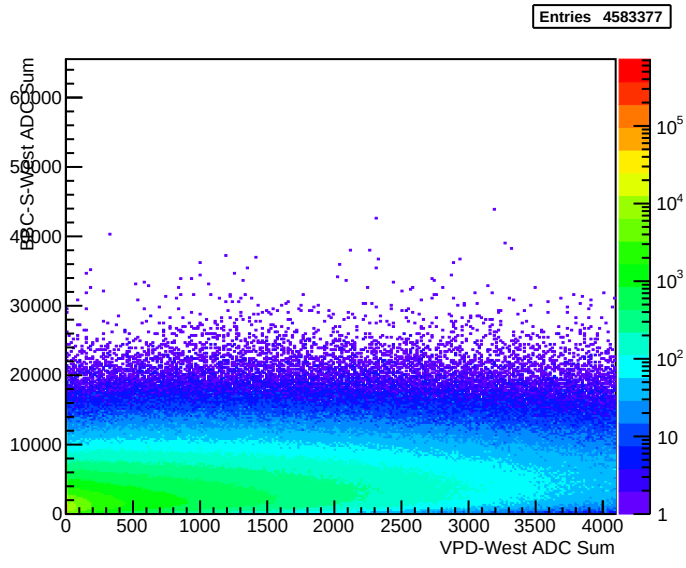

Entries 4583377
TOF Mult
ZDC-East ADC Sum Att

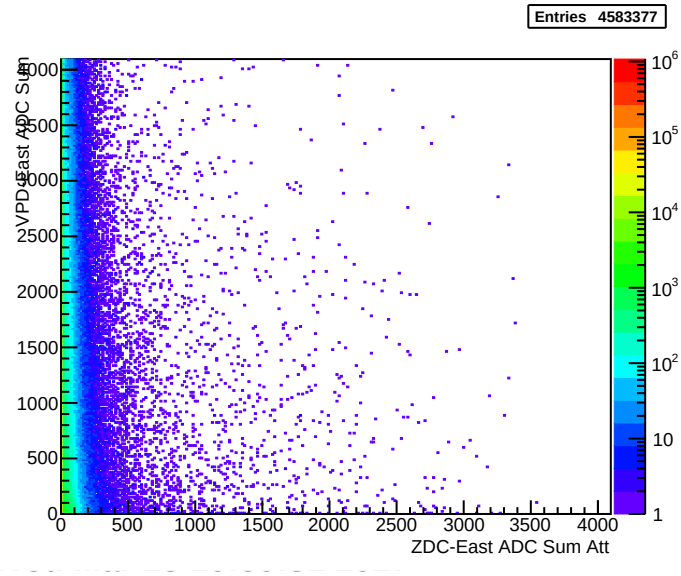

Entries 4583377
TOF Mult
ZDC-West ADC Sum Att

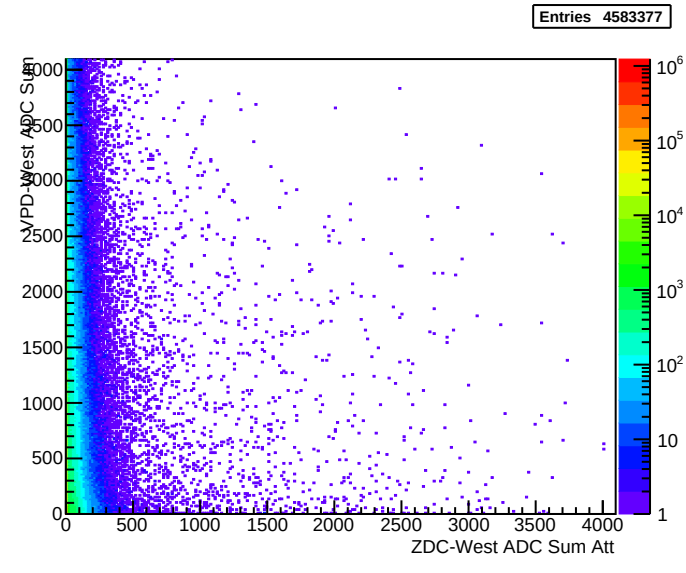

Entries 4583377
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

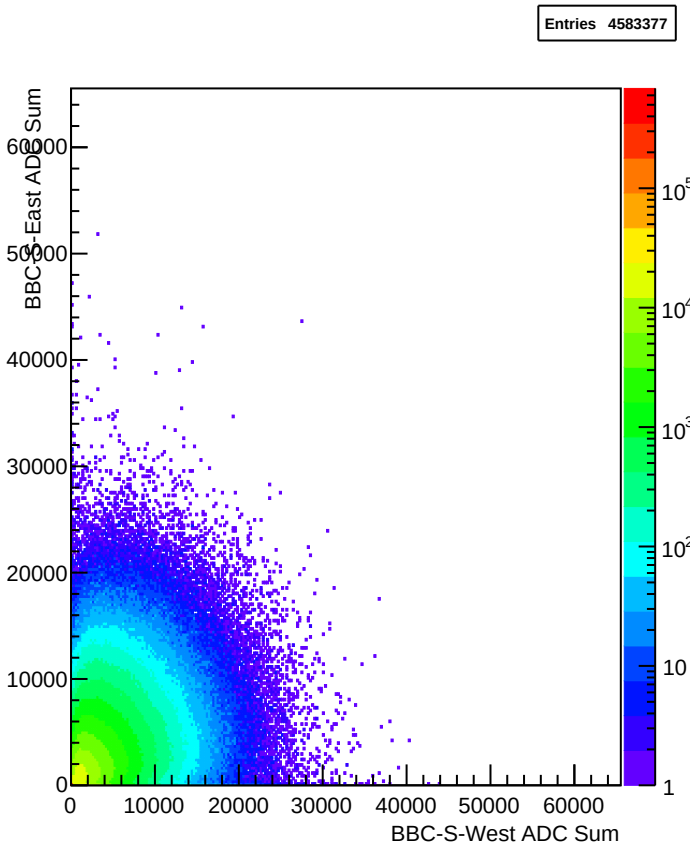

Entries 4583377
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

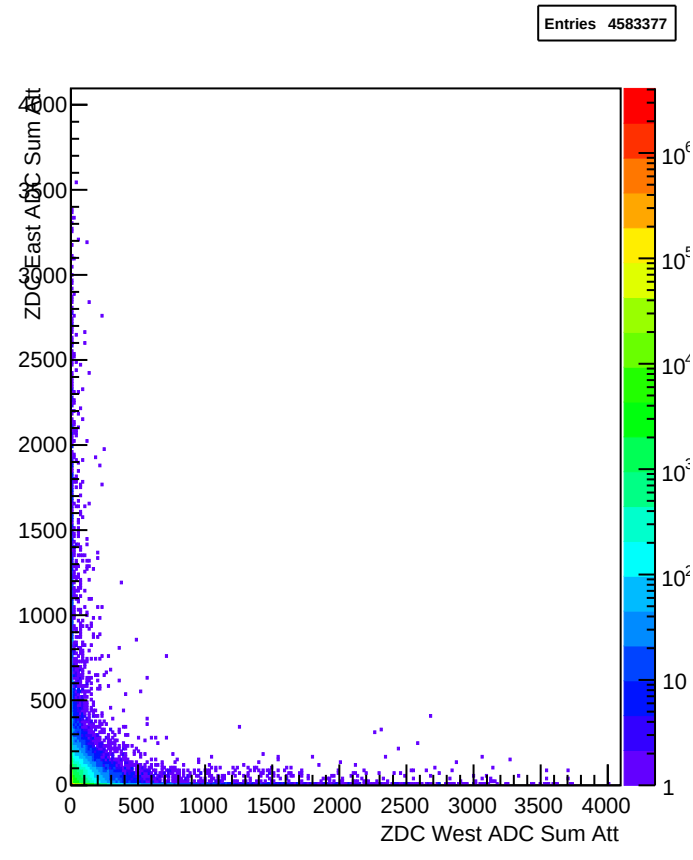

Entries 4583377
BBC-S-East ADC Sum
VPD-East ADC Sum

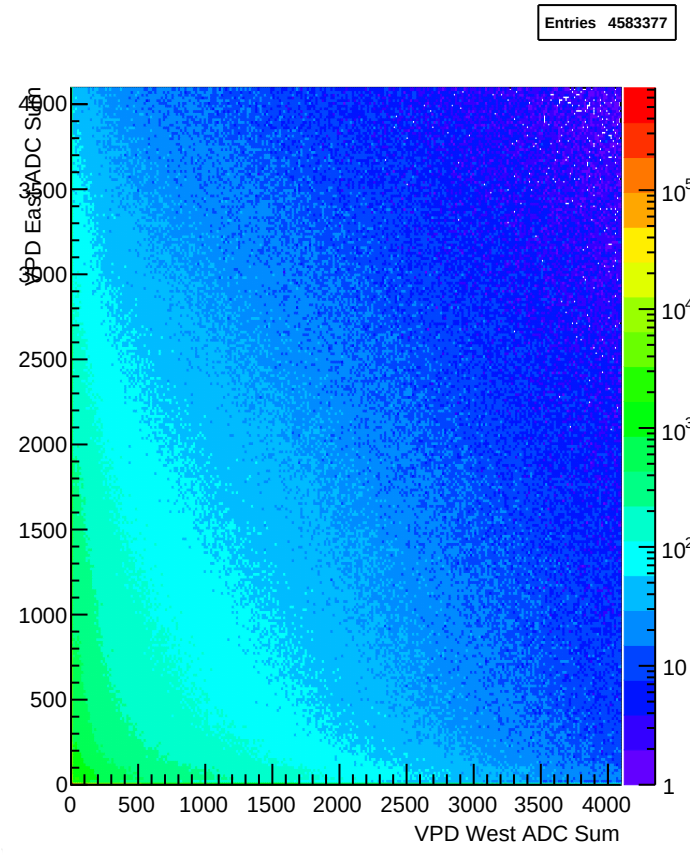

Entries 4583377
BBC-S-West ADC Sum
VPD-West ADC Sum

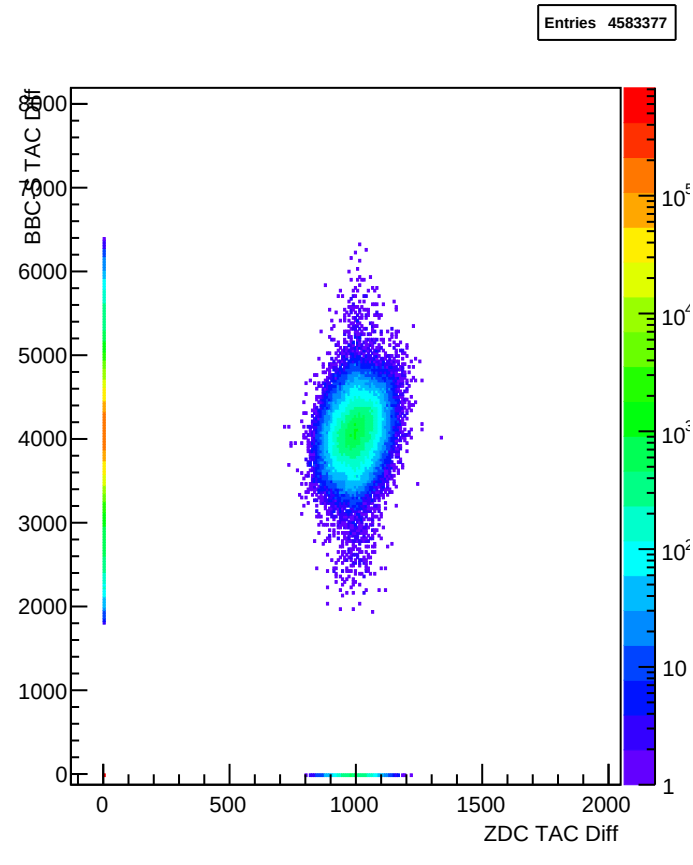

Entries 4583377
VPD-East ADC Sum
ZDC-East ADC Sum Att

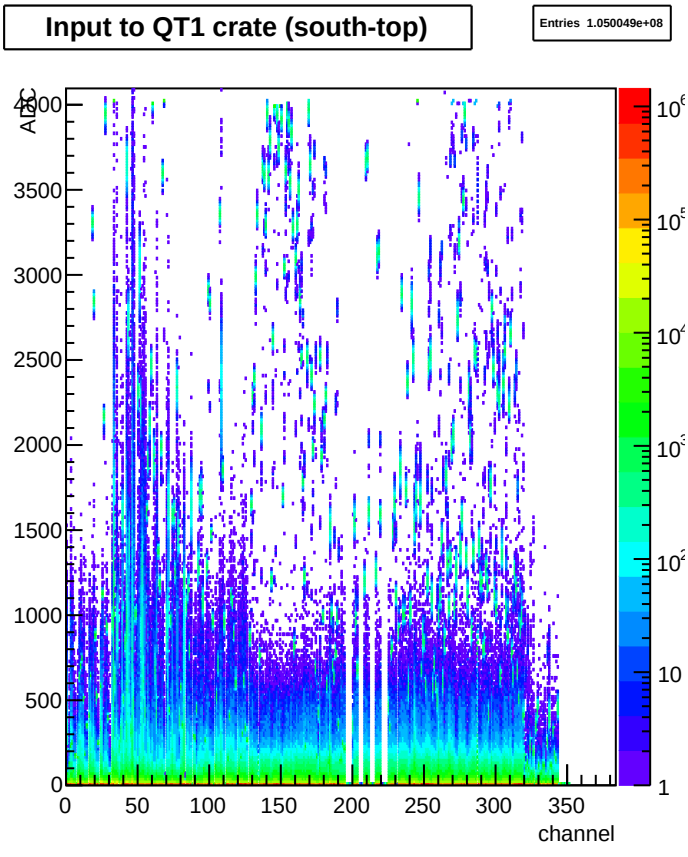

Entries 4583377
VPD-West ADC Sum
ZDC-West ADC Sum Att

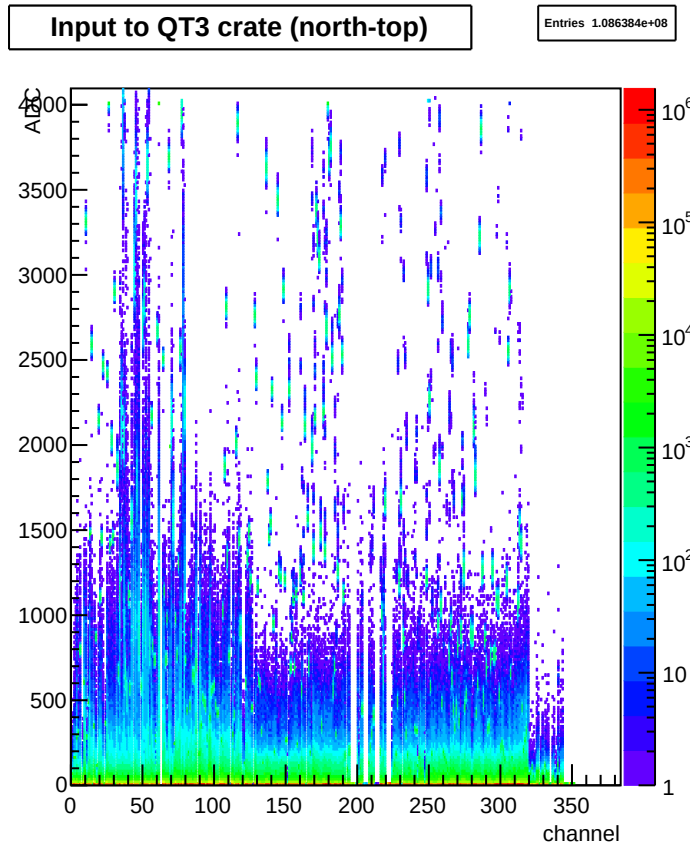

Entries 4583377
BBC-S-East ADC Sum
BBC-S-West ADC Sum

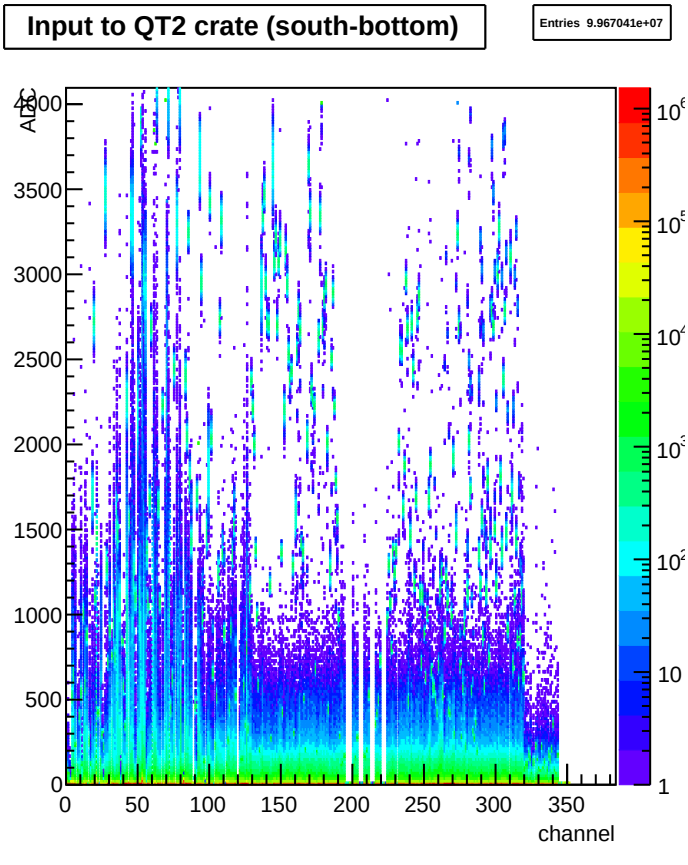

Entries 4583377
ZDC East ADC Sum Att
ZDC West ADC Sum Att

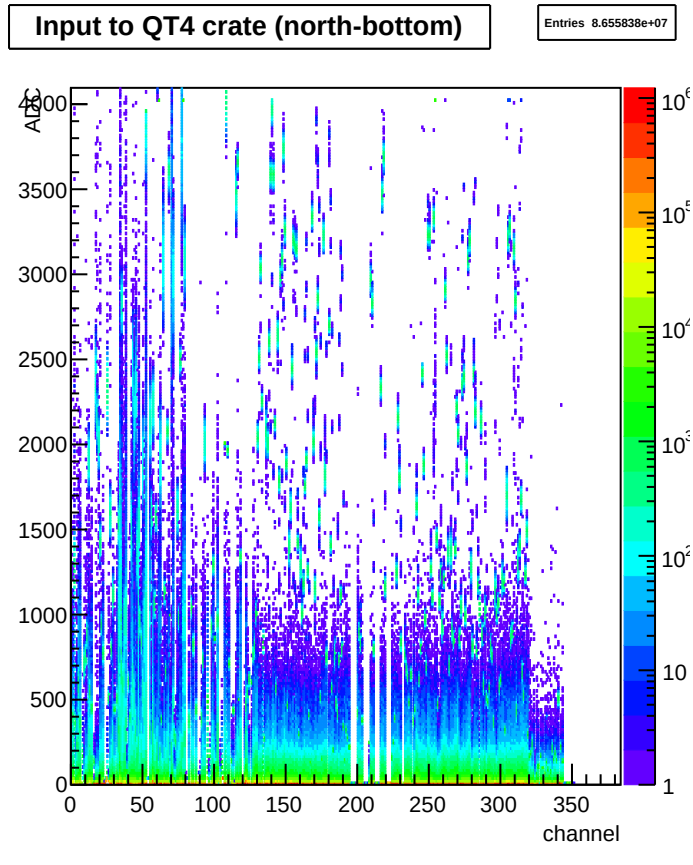

Entries 4583377
VPD East ADC Sum
VPD West ADC Sum

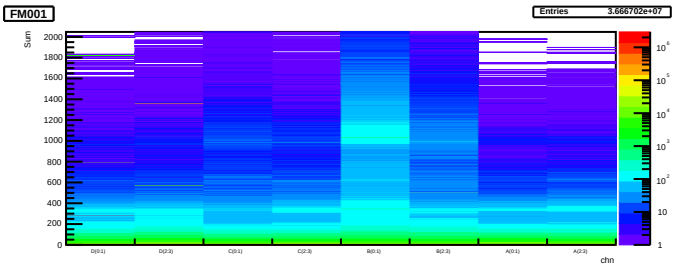

Entries 4583377
BBC-S TAC Diff
ZDC TAC Diff

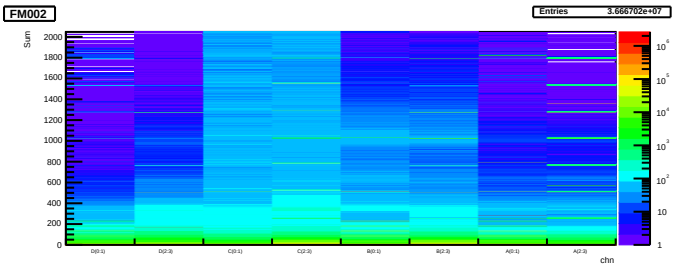

Input to QT1 crate (south-top)
Entries 1.050049e+08
ADC
channel

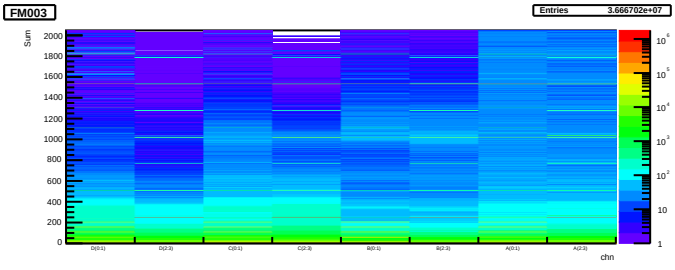

Input to QT3 crate (north-top)
Entries 1.086384e+08
ADC
channel

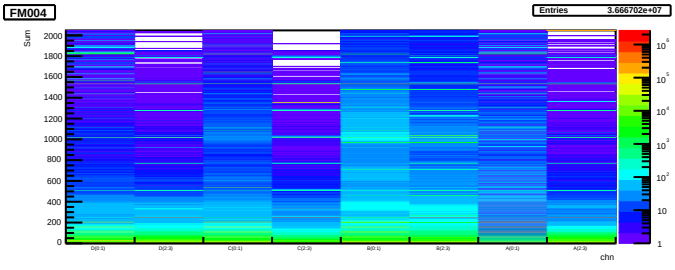

Input to QT2 crate (south-bottom)
Entries 9.967041e+07
ADC
channel

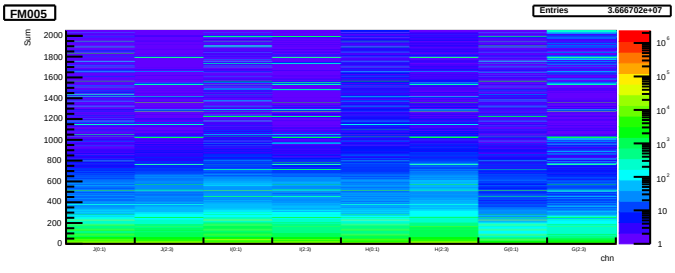

Input to QT4 crate (north-bottom)
Entries 8.655838e+07
ADC
channel


FM001
Entries 3.666702e+07
Sum
chn


FM002
Entries 3.666702e+07
Sum
chn


FM003
Entries 3.666702e+07
Sum
chn


FM004
Entries 3.666702e+07
Sum
chn


FM005
Entries 3.666702e+07
Sum
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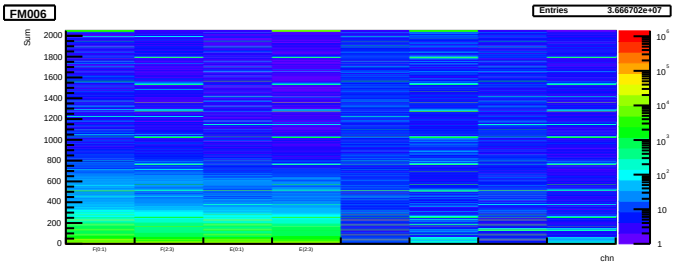
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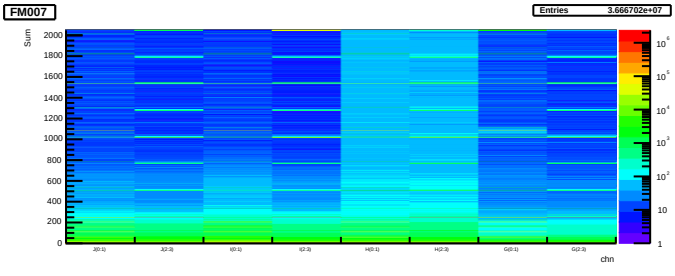
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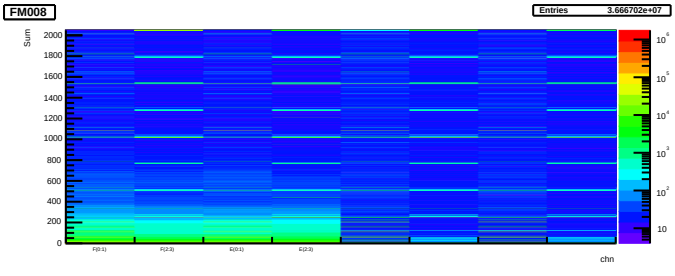
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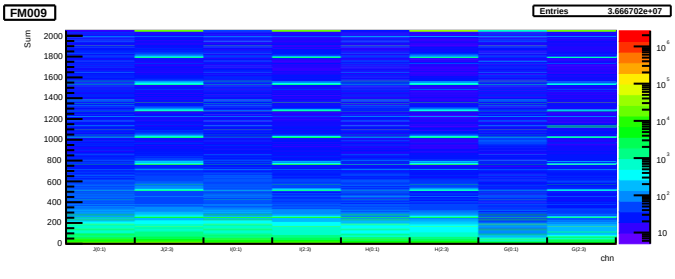
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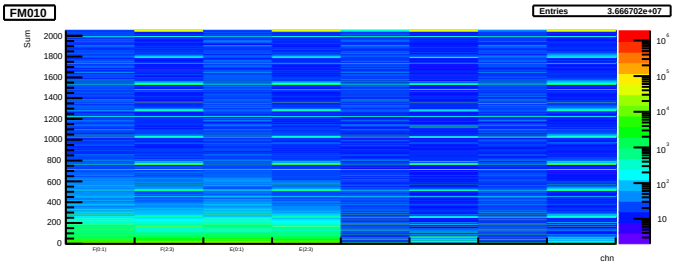
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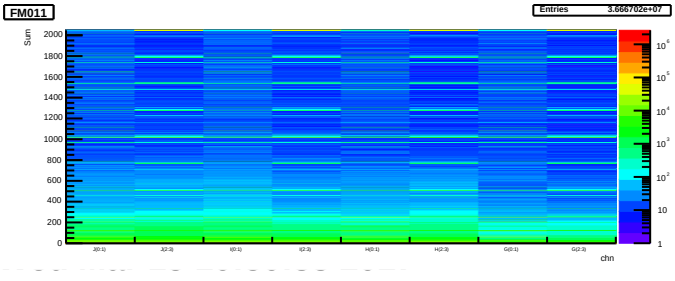
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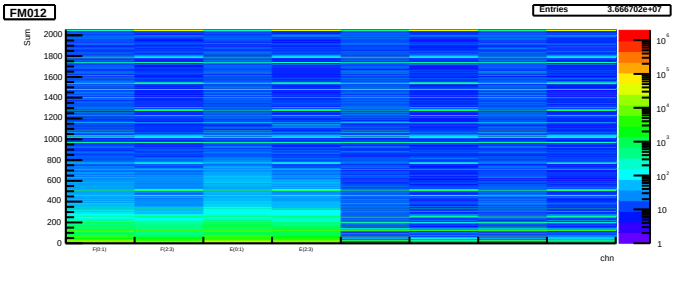
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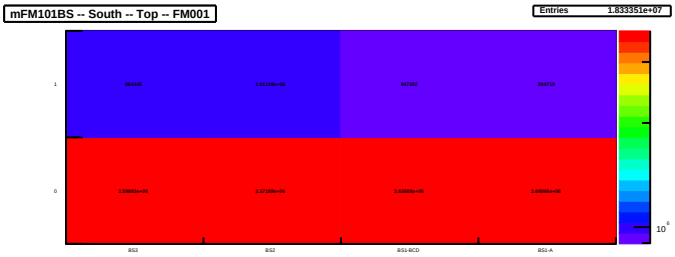
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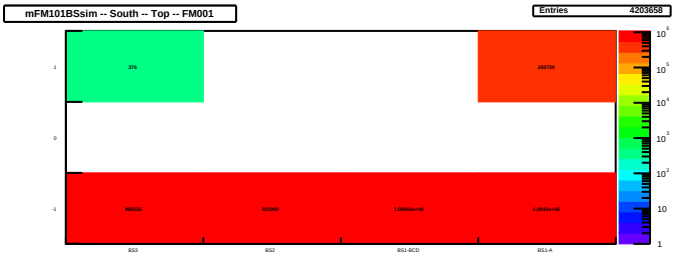
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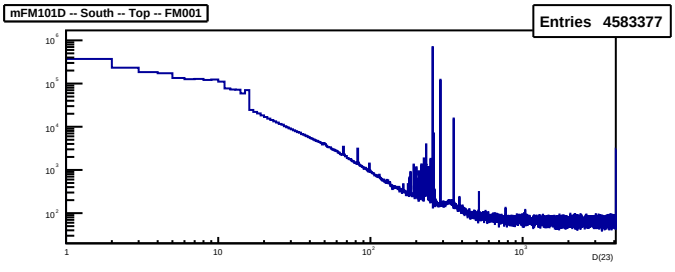
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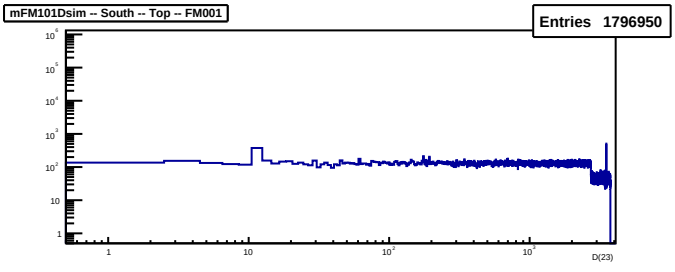
Entries 4583377
D(23)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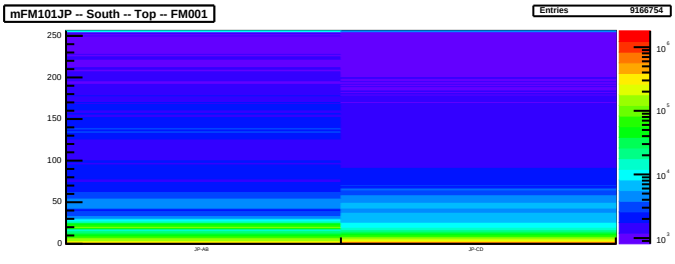
D(23)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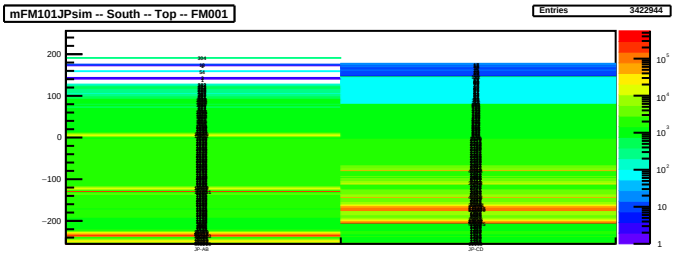
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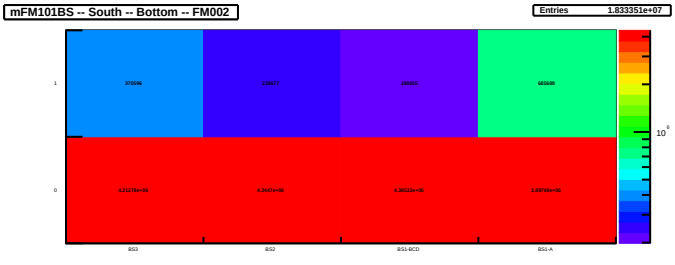
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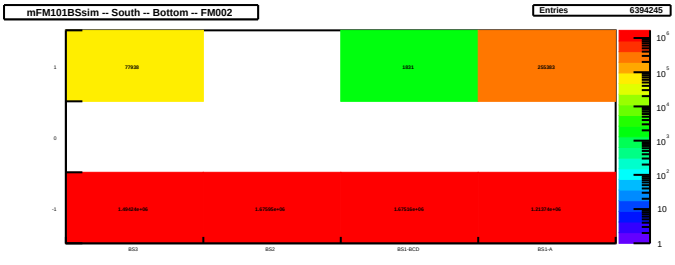
Entries 1.833351e+07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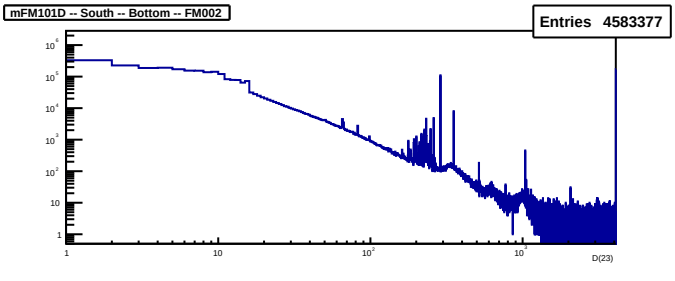
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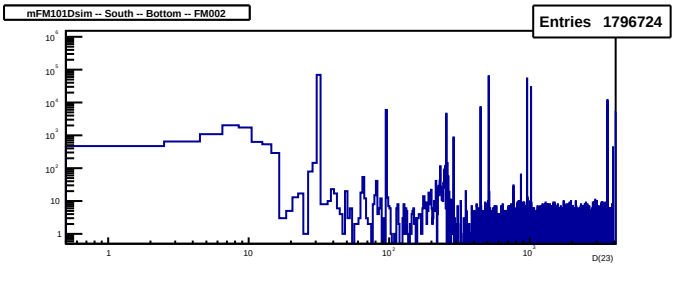
Entries 4583377
D(23)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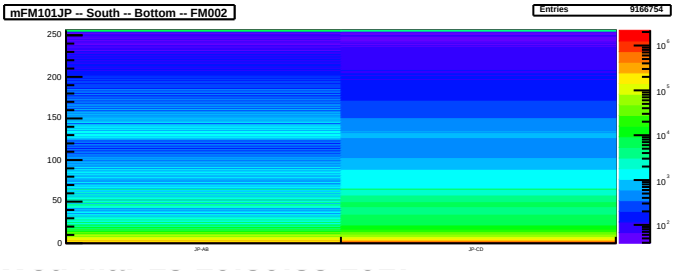
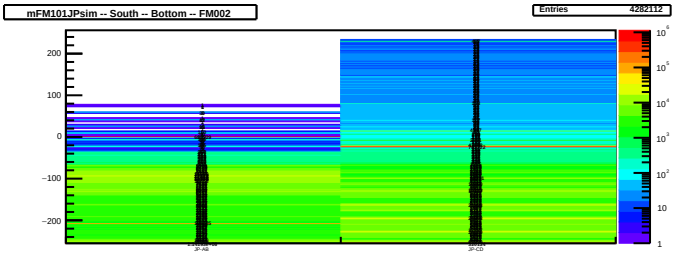

mFM101JP -- South -- Bottom -- FM002
Entries 9166754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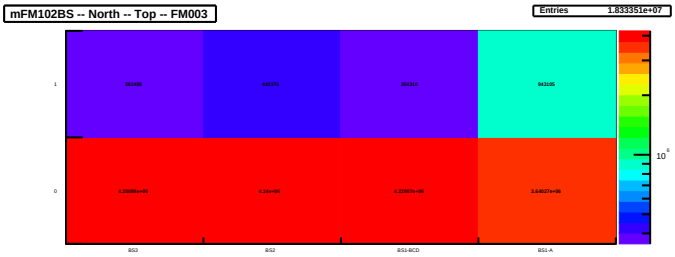
mFM102BS -- North -- Top -- FM003
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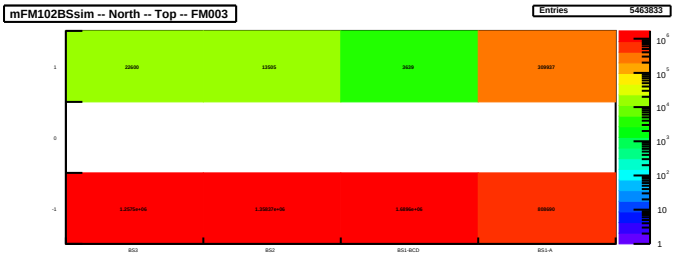
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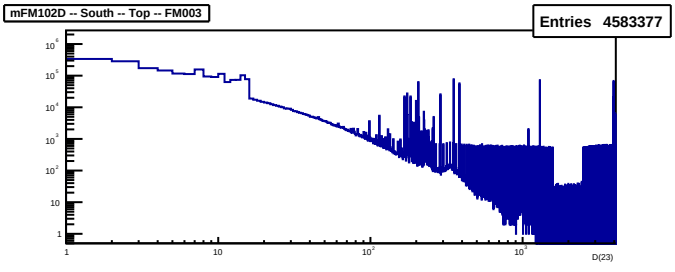
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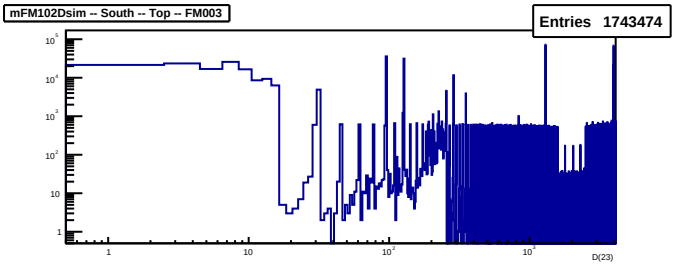
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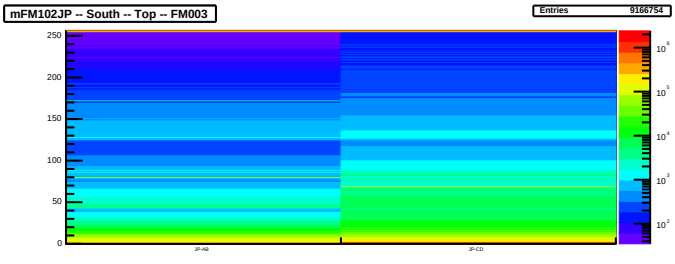
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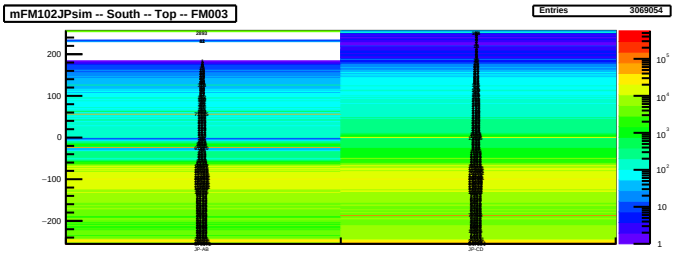
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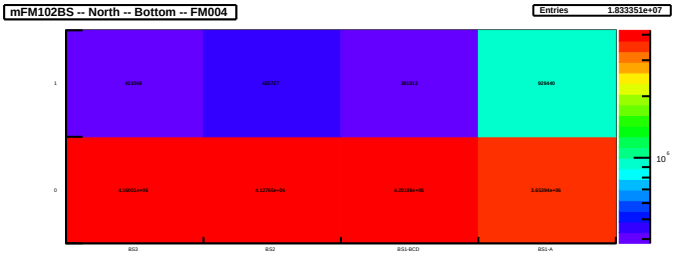
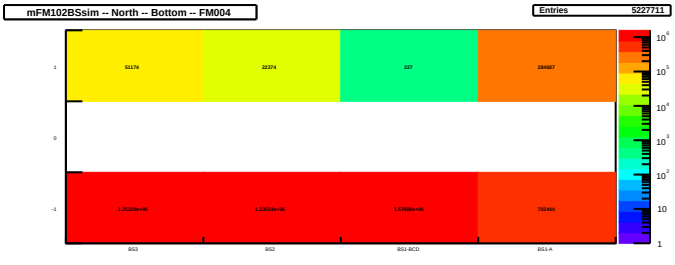

mFM102BS -- North -- Bottom -- FM004
Entries 1.833351e+07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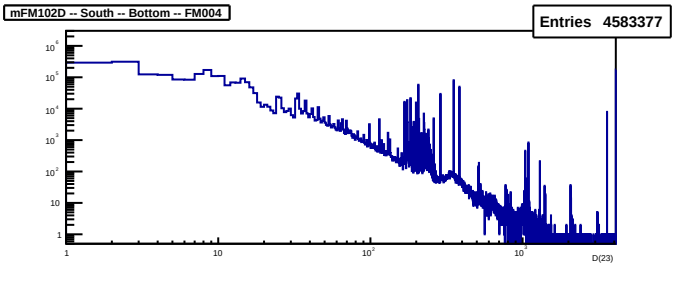
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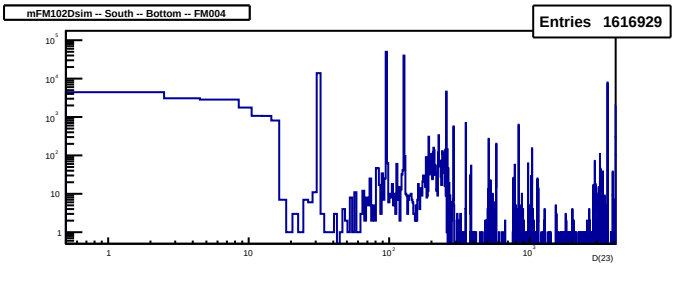
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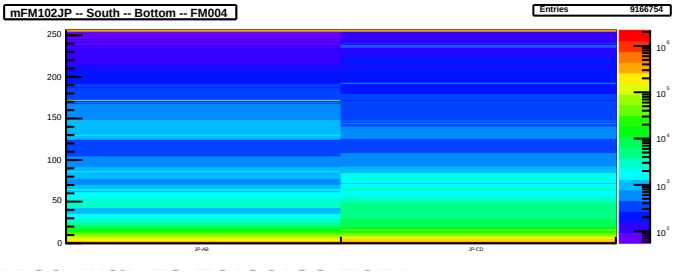
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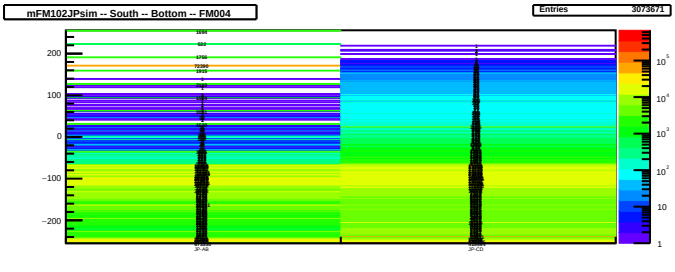
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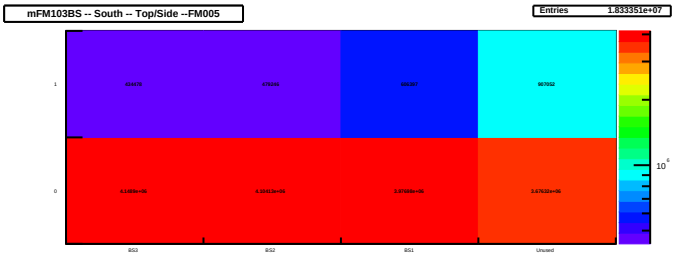
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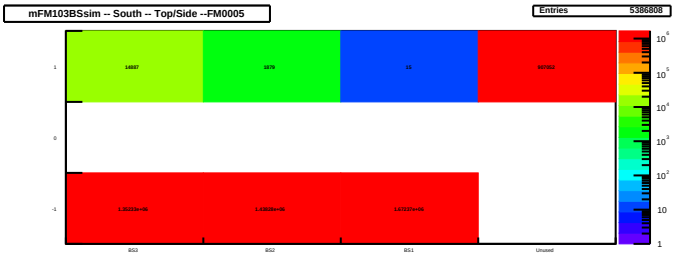
Entries 1.833351e+07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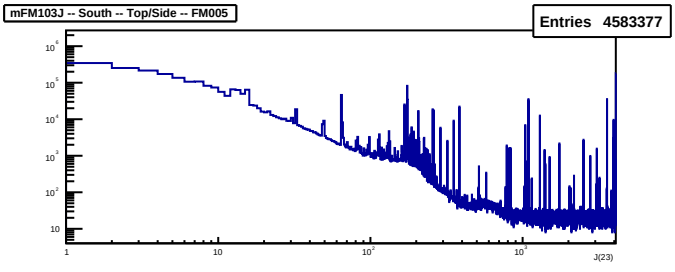
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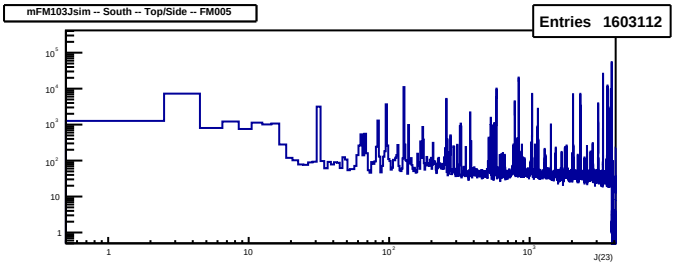
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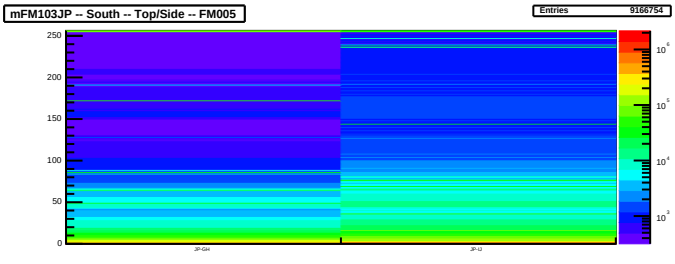
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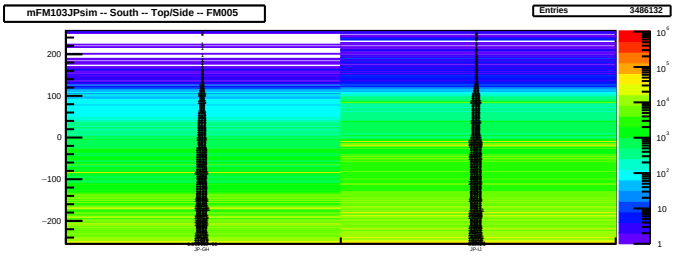
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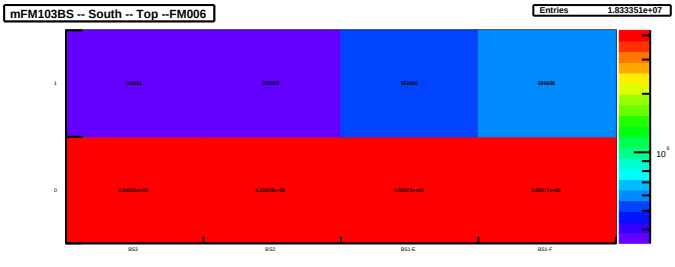
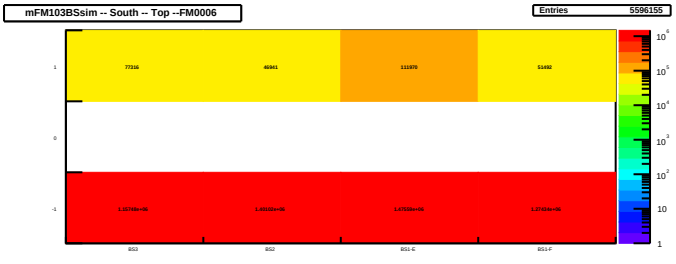

mFM103BS -- South -- Top --FM006
Entries 1.833351e+07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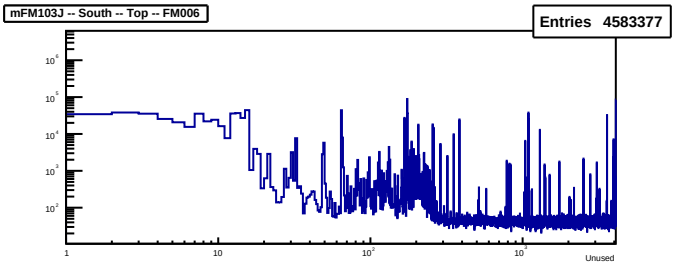
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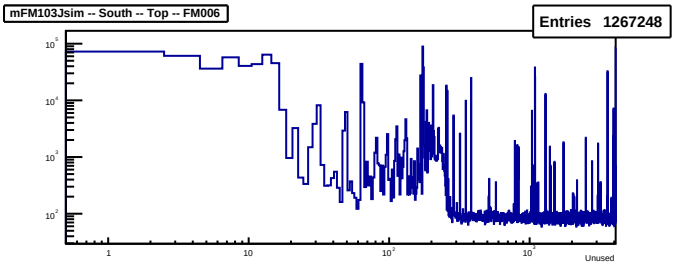
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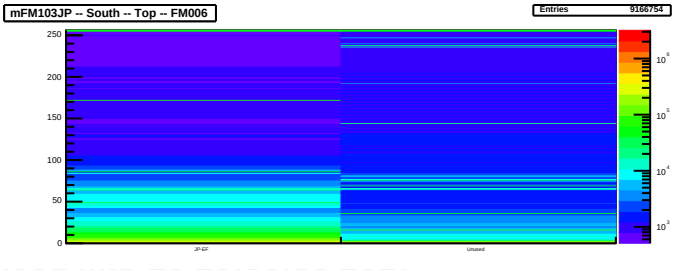
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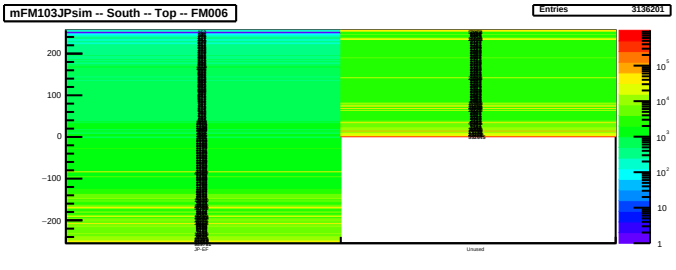
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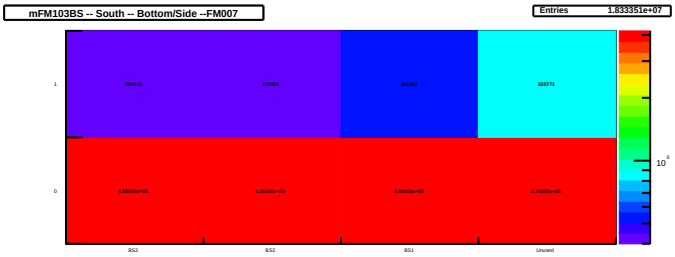
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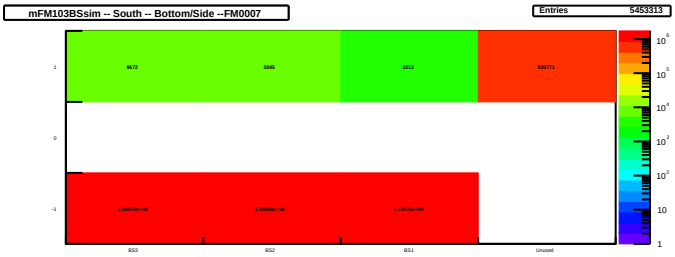
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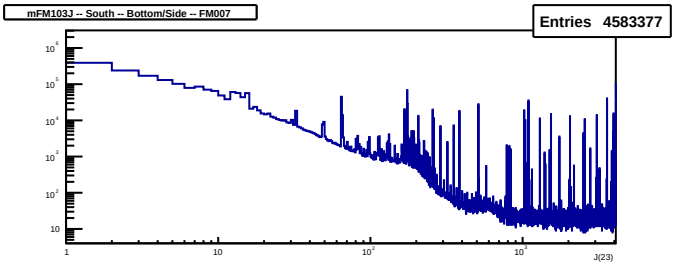
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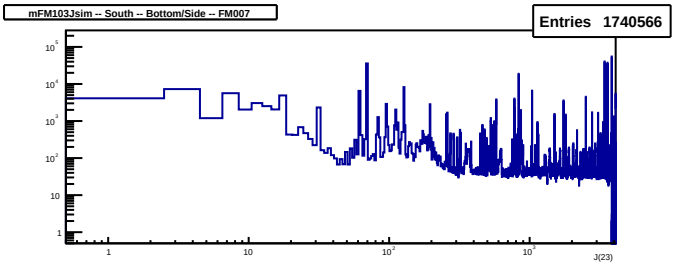
J(23)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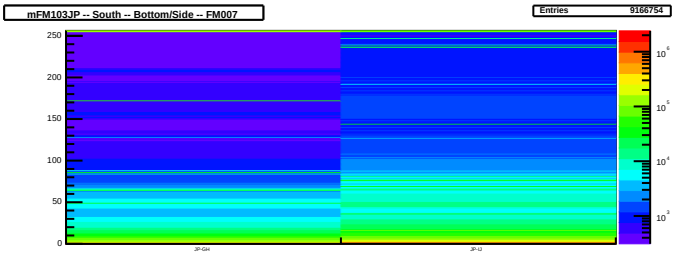
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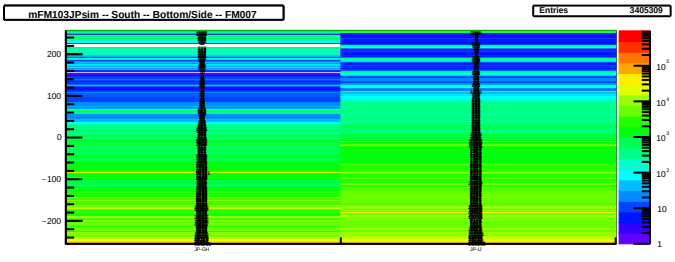
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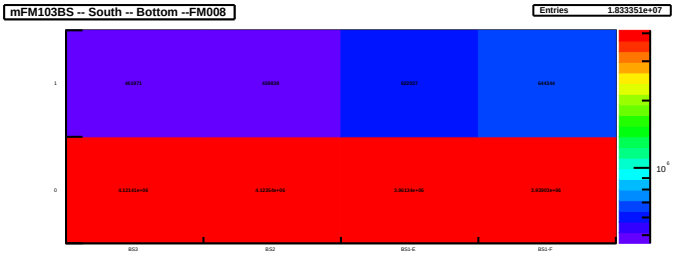
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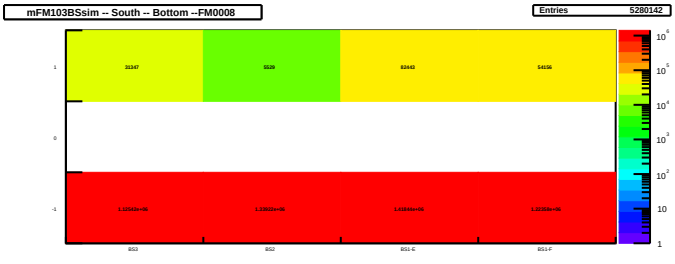
Entries 1.833351e+07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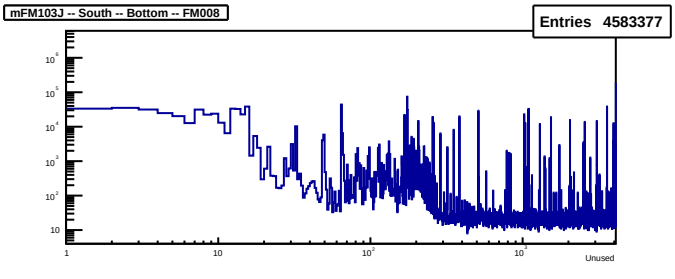
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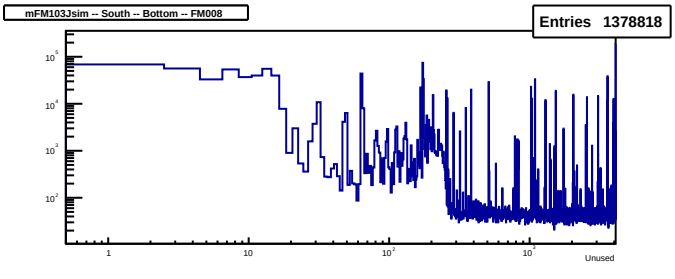
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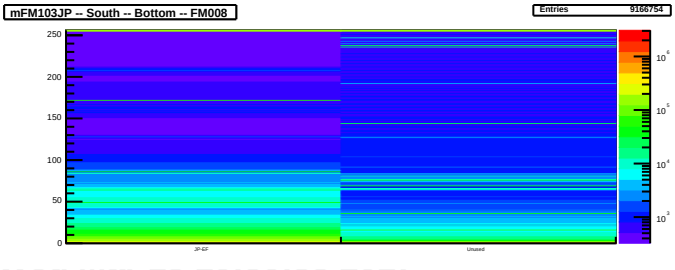
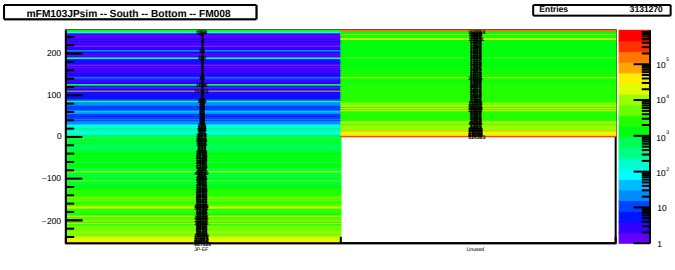
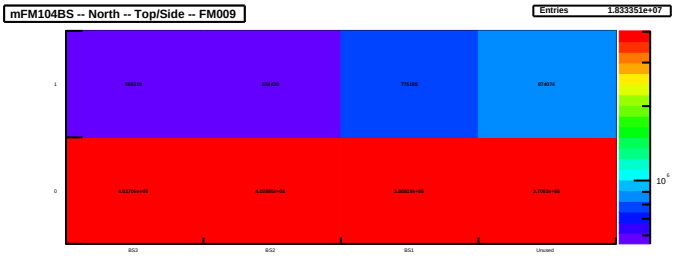
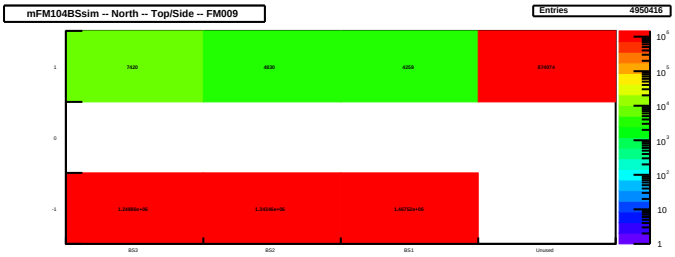
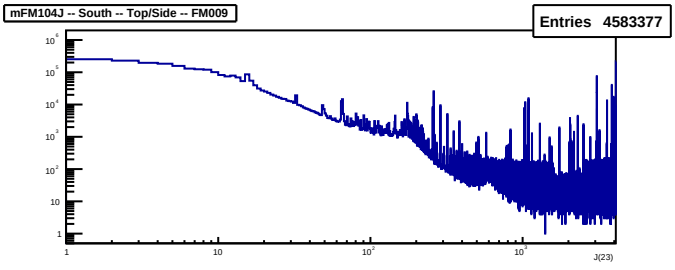
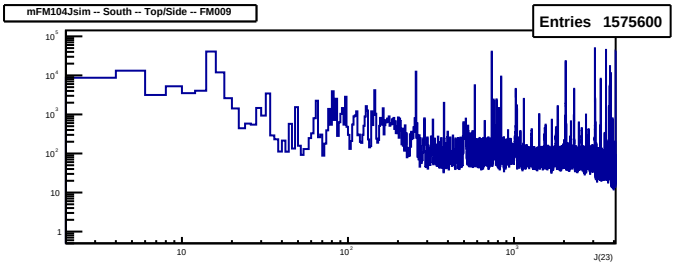

mFM103JP -- South -- Bottom -- FM008
Entries 9166754


mFM103JPsim -- South -- Bottom -- FM008
Entries 3131270


mFM104BS -- North -- Top/Side -- FM009
Entries 1.833351e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4950416


mFM104J -- South -- Top/Side -- FM009
Entries 4583377
J(23)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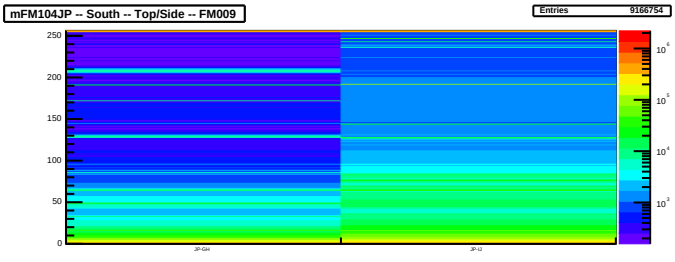
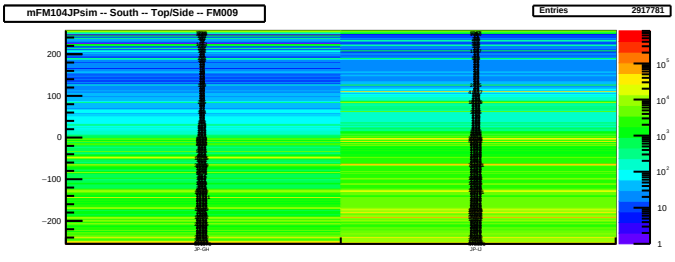
Entries 1575600
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9166754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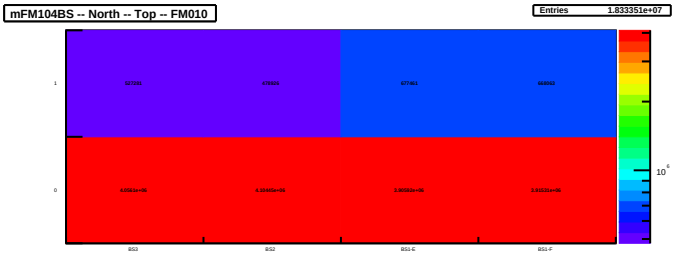
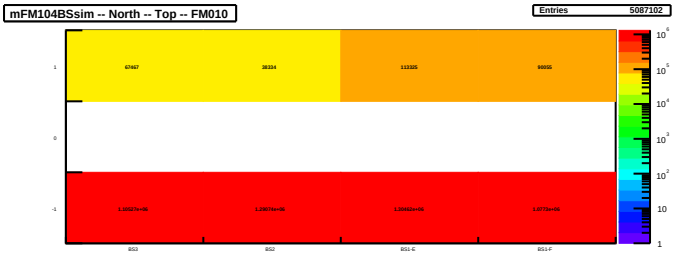
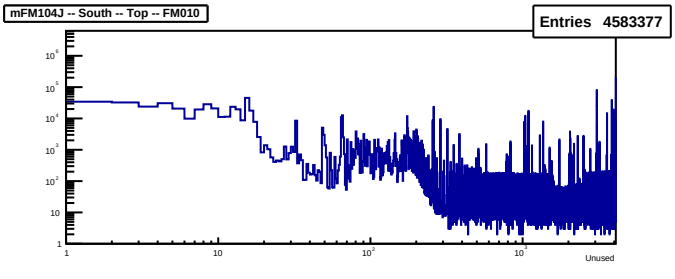
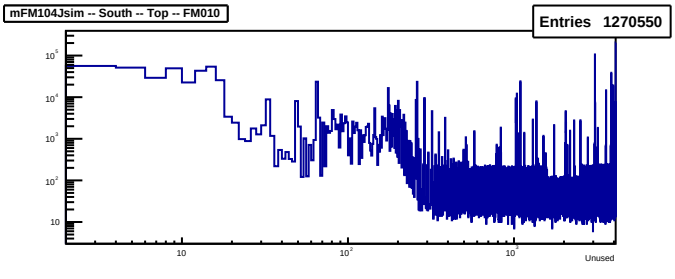
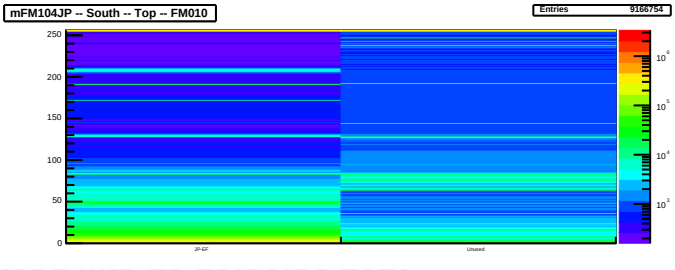
Entries 2917781

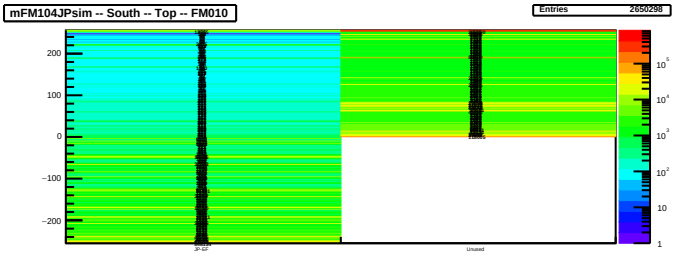

mFM104BS -- North -- Top -- FM010
Entries 1.833351e+07

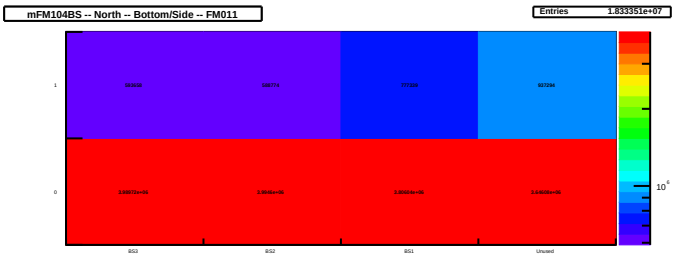

mFM104BSsim -- North -- Top -- FM010
Entries 5087102

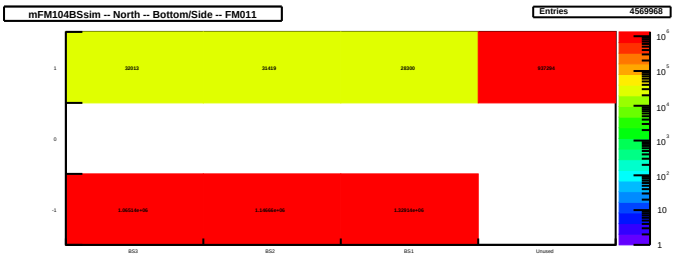

mFM104J -- South -- Top -- FM010
Entries 4583377
Unused

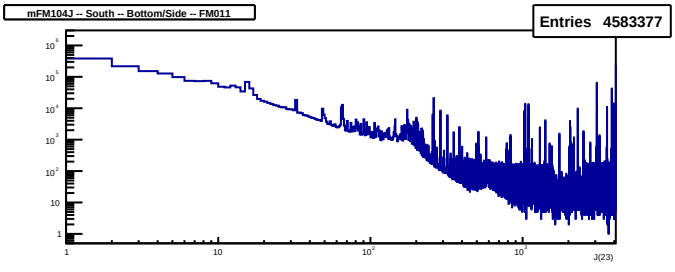

mFM104Jsim -- South -- Top -- FM010
Entries 1270550
Unused

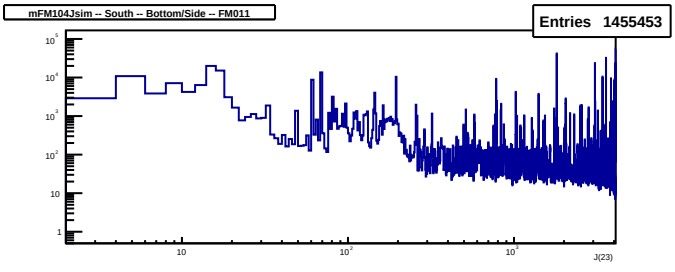

mFM104JP -- South -- Top -- FM010
Entries 9166754

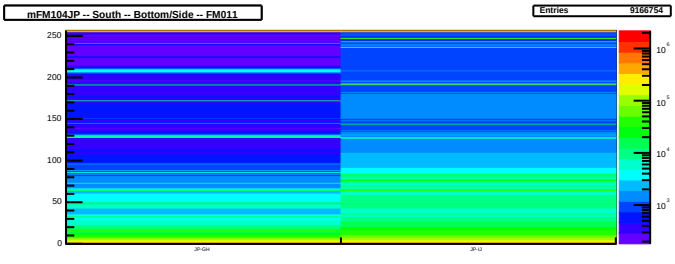

mFM104JPsim -- South -- Top -- FM010
Entries 2650298

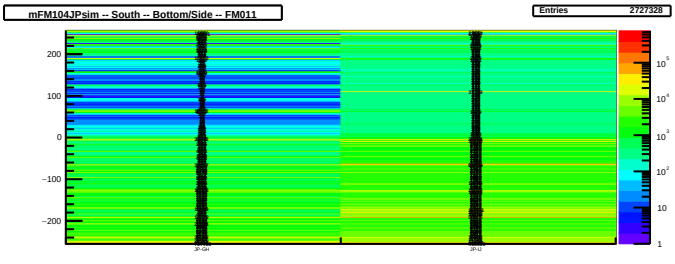

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.833351e+07

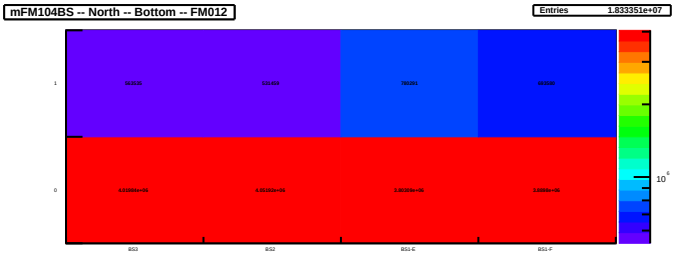

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4569968

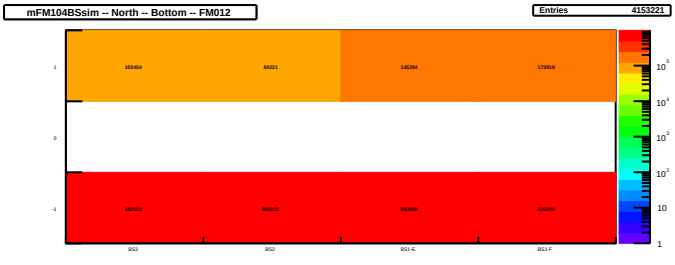

mFM104J -- South -- Bottom/Side -- FM011
Entries 4583377
J(23)

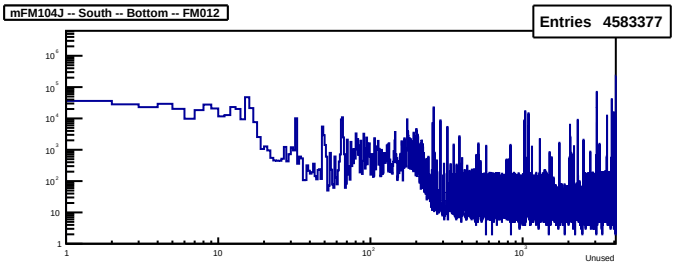

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1455453
J(23)

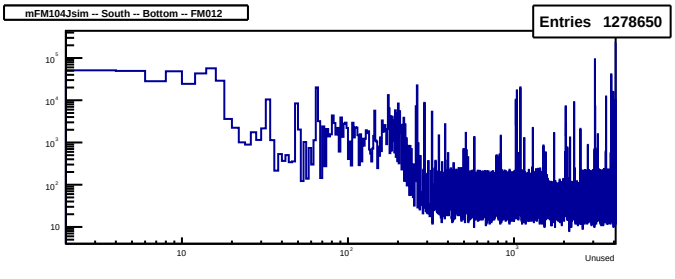

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9166754

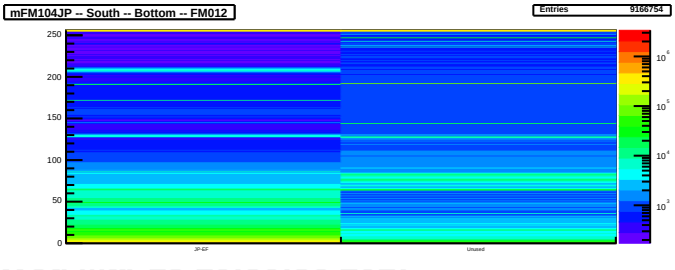

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2727328

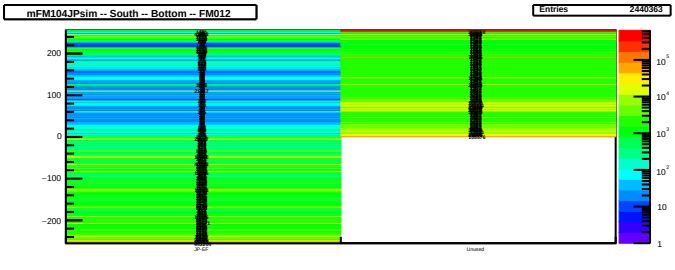

mFM104BS -- North -- Bottom -- FM012
Entries 1.833351e+07

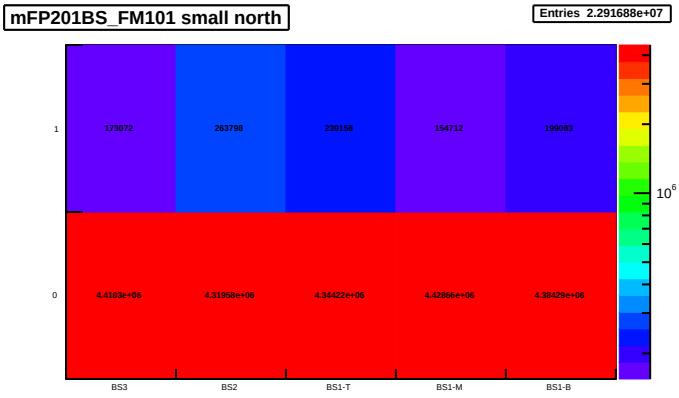

mFM104BSsim -- North -- Bottom -- FM012
Entries 4153221

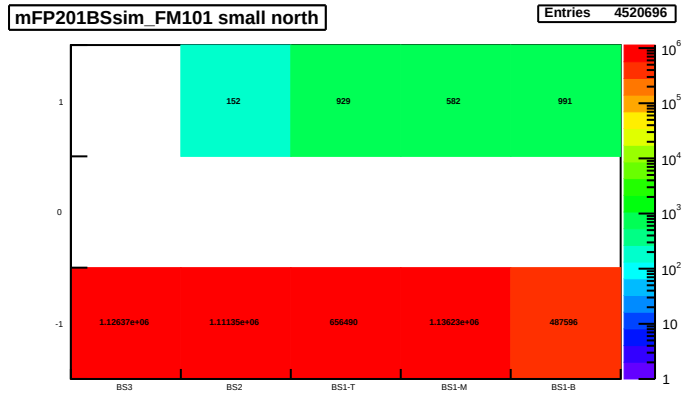

mFM104J -- South -- Bottom -- FM012
Entries 4583377
Unused

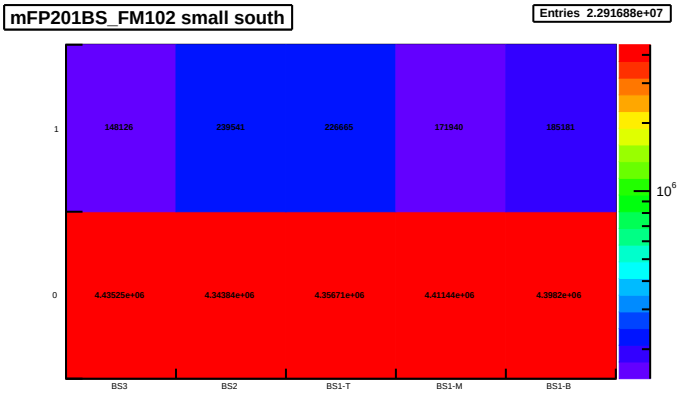

mFM104Jsim -- South -- Bottom -- FM012
Entries 1278650
Unused

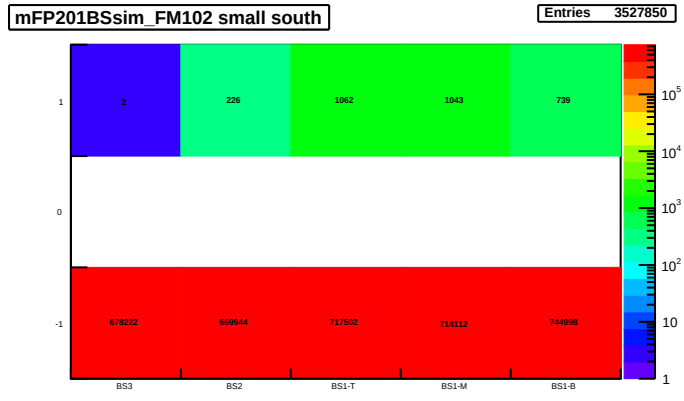

mFM104JP -- South -- Bottom -- FM012
Entries 9166754

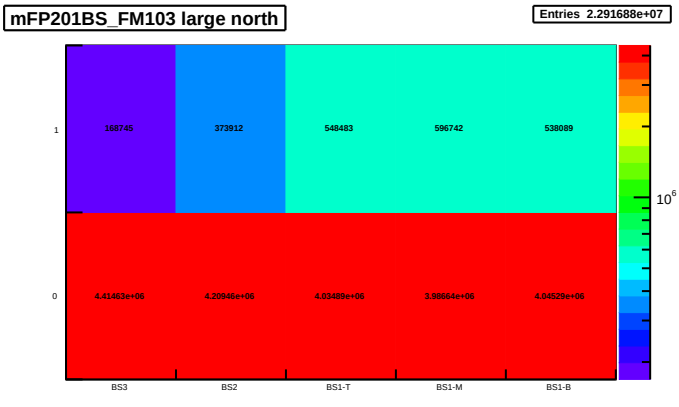

mFM104JPsim -- South -- Bottom -- FM012
Entries 2440363

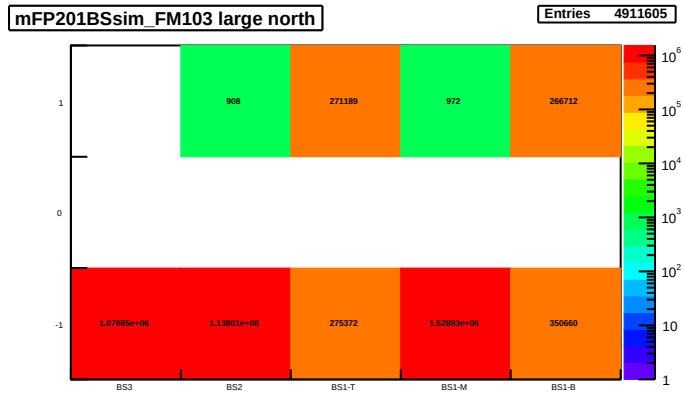

mFP201BS_FM101 small north
Entries 2.291688e+07
173072
263798
239158
154712
199083
4.4103e+06
4.31958e+06
4.34422e+06
4.42866e+06
4.38429e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

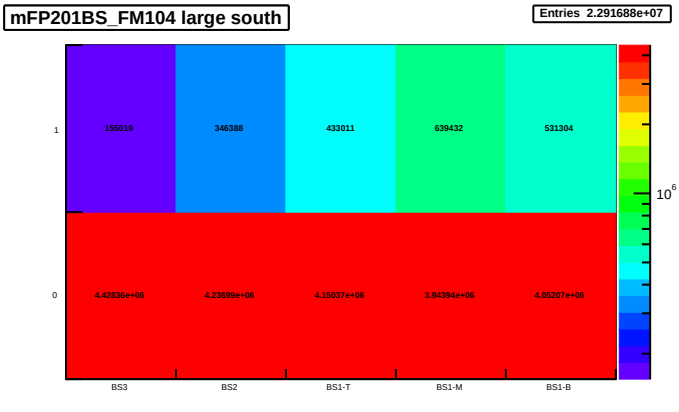

mFP201BSsim_FM101 small north
Entries 4520696
152
929
582
991
1.12637e+06
1.11135e+06
656490
1.13623e+06
487596
BS3
BS2
BS1-T
BS1-M
BS1-B

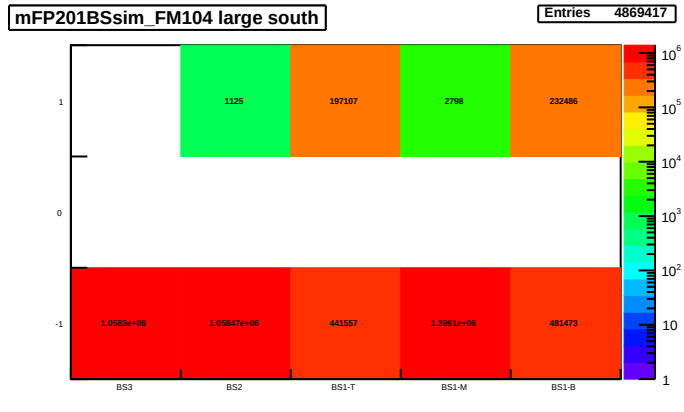

mFP201BS_FM102 small south
Entries 2.291688e+07
148126
239541
226665
171940
185181
4.43525e+06
4.34384e+06
4.35671e+06
4.41144e+06
4.3982e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

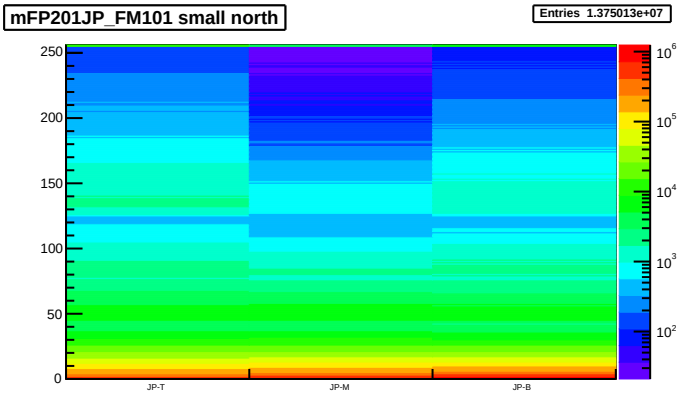

mFP201BSsim_FM102 small south
Entries 3527850
2
226
1062
1043
739
678222
669944
717502
714112
744998
BS3
BS2
BS1-T
BS1-M
BS1-B

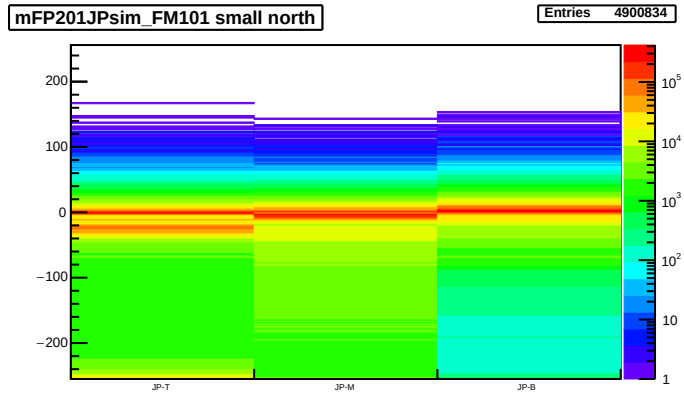

mFP201BS_FM103 large north
Entries 2.291688e+07
168745
373912
548483
596742
538089
4.41463e+06
4.20946e+06
4.03489e+06
3.98664e+06
4.04529e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

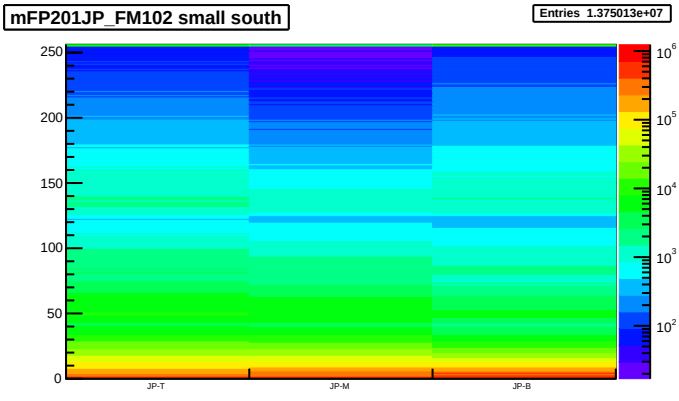

mFP201BSsim_FM103 large north
Entries 4911605
908
271189
972
266712
1.07885e+06
1.13801e+06
275372
1.52893e+06
350660
BS3
BS2
BS1-T
BS1-M
BS1-B

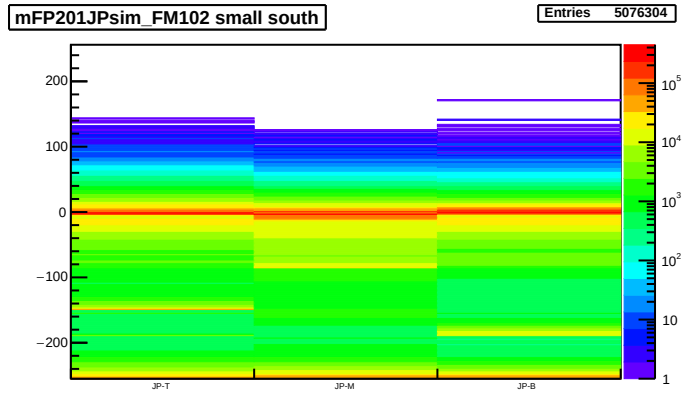

mFP201BS_FM104 large south
Entries 2.291688e+07
155019
346388
433011
639432
531304
4.42836e+06
4.23699e+06
4.15037e+06
3.94394e+06
4.05207e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

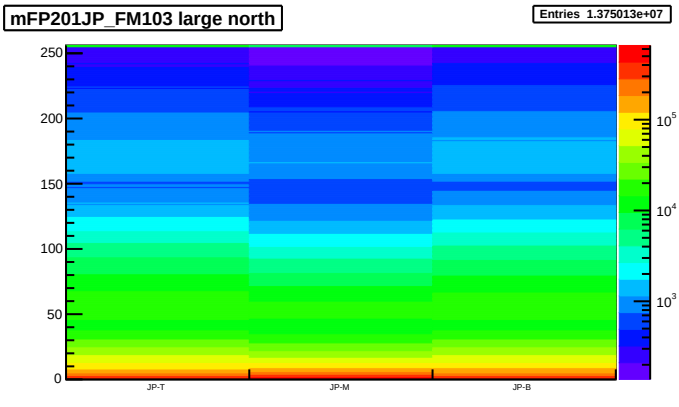

mFP201BSsim_FM104 large south
Entries 4869417
1125
197107
2798
232486
1.0583e+06
1.05847e+06
441557
1.3961e+06
481473
BS3
BS2
BS1-T
BS1-M
BS1-B

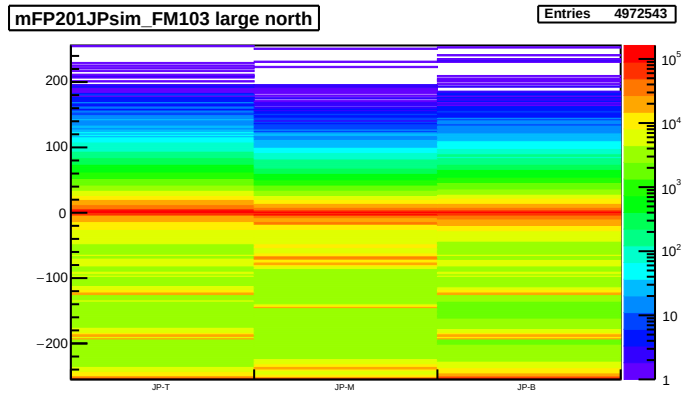

mFP201JP_FM101 small north
Entries 1.375013e+07
JP-T
JP-M
JP-B

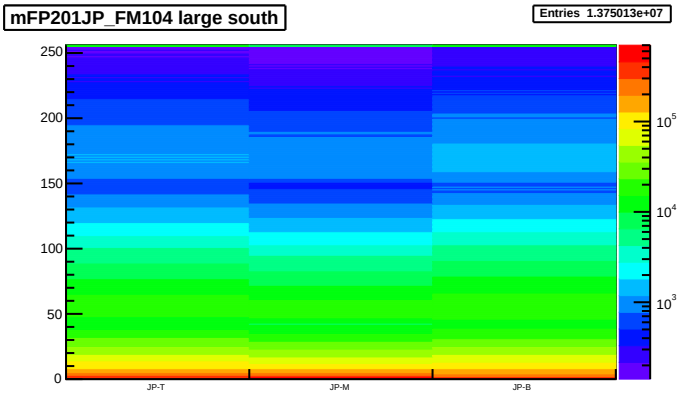

mFP201JPsim_FM101 small north
Entries 4900834
JP-T
JP-M
JP-B

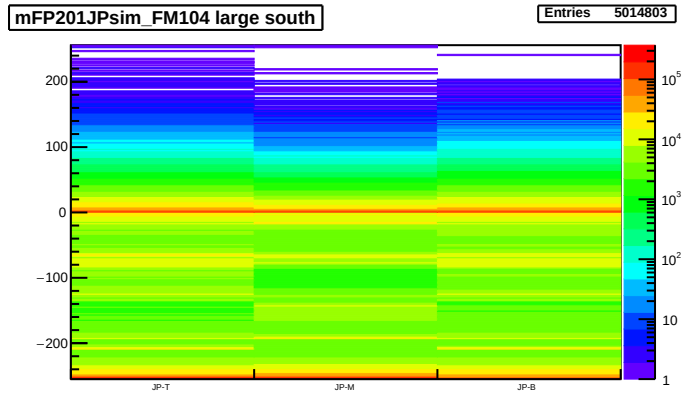

mFP201JP_FM102 small south
Entries 1.375013e+07
JP-T
JP-M
JP-B

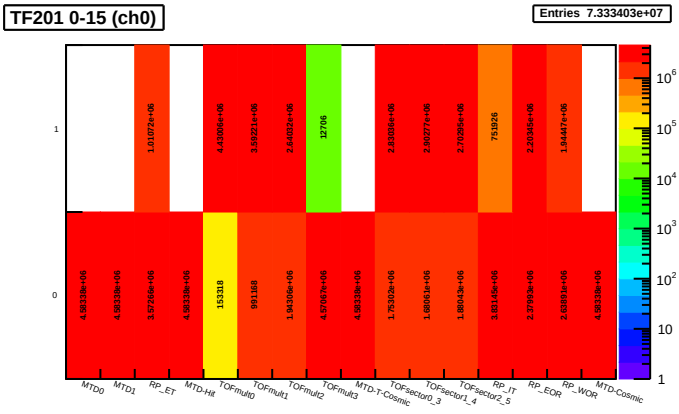

mFP201JPsim_FM102 small south
Entries 5076304
JP-T
JP-M
JP-B

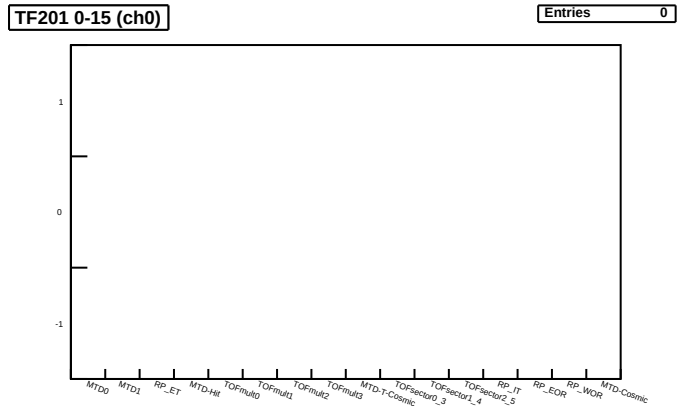

mFP201JP_FM103 large north
Entries 1.375013e+07
JP-T
JP-M
JP-B

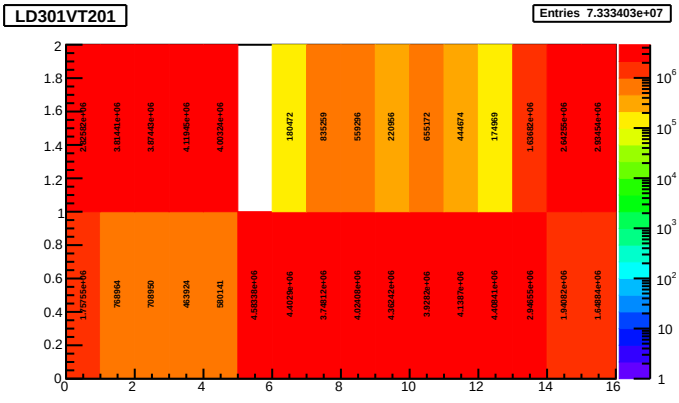

mFP201JPsim_FM103 large north
Entries 4972543
JP-T
JP-M
JP-B

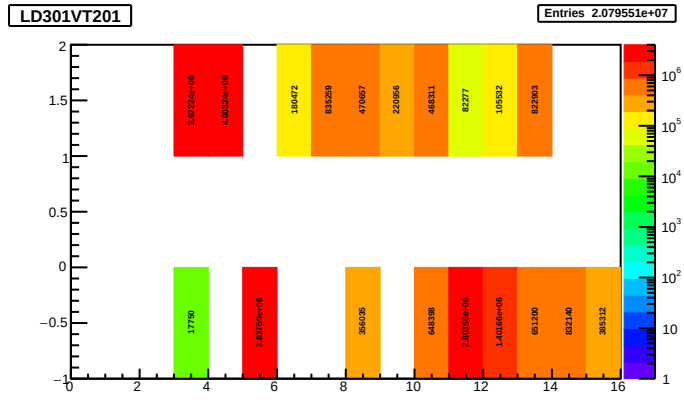

mFP201JP_FM104 large south
Entries 1.375013e+07
JP-T
JP-M
JP-B

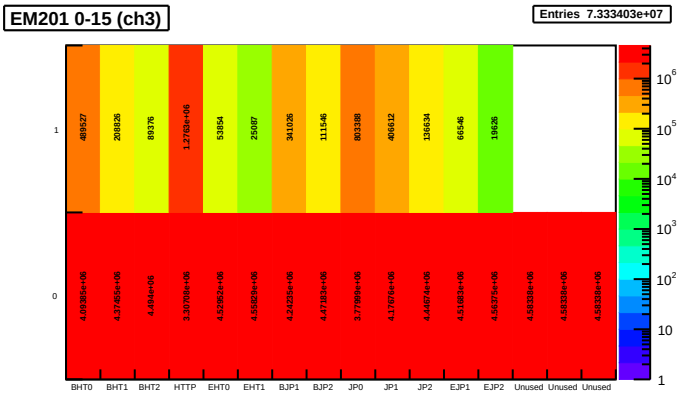

mFP201JPsim_FM104 large south
Entries 5014803
JP-T
JP-M
JP-B

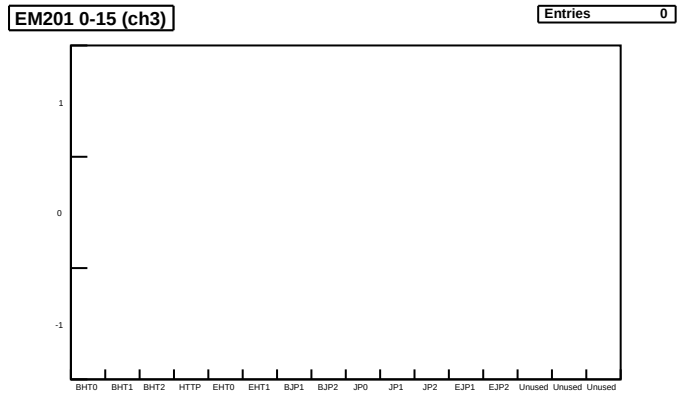

TF201 0-15 (ch0)
Entries 7.333403e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


LD301VT201
Entries 7.333403e+07


LD301VT201
Entries 2.079551e+07


EM201 0-15 (ch3)
Entries 7.333403e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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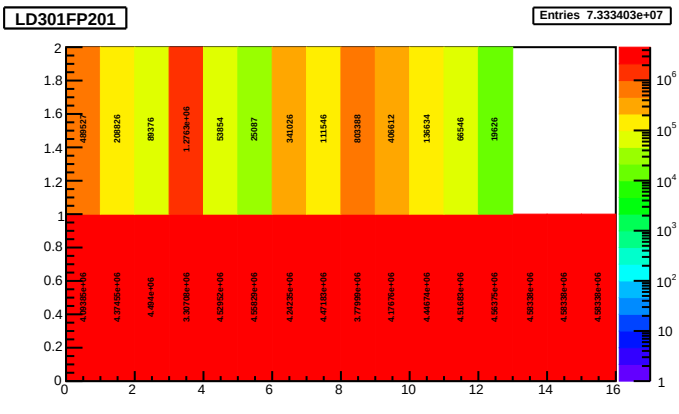
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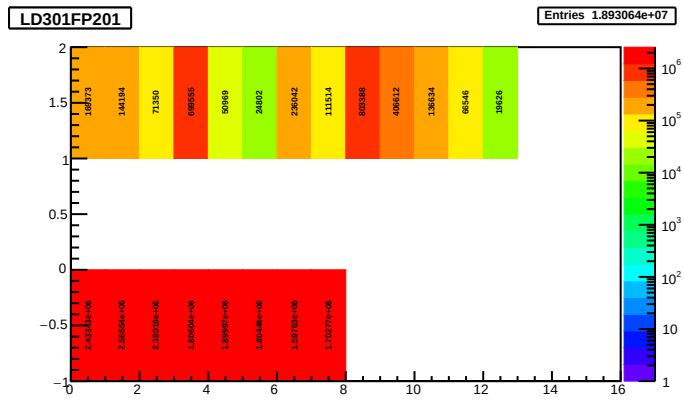
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